10-3-83

Index–Catalogue of Medical and Veterinary Zoology

Supplement 24, Part 6

Parasite-Subject Catalogue
Subject Headings: J to Z

COMMONWEALTH INSTITUTE OF PARASITOLOGY,
(FORMERLY COMMONWEALTH INSTITUTE OF HELMINTHOLOGY),
395A, HATFIELD ROAD,
ST. ALBANS,
HERTS. AL4 0XU,
ENGLAND

ORYX PRESS

Index–Catalogue of Medical and Veterinary Zoology

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Edited by Shirley J. Edwards

Associate Editors:
Martha W. Hood
Judith H. Shaw
Jane D. Rayburn
Margie D. Kirby
Deborah T. Hanfman
Judith A. Zidar

ORYX PRESS
1982

The rare Arabian Oryx is believed to have inspired the myth of the unicorn. This desert antelope became virtually extinct in the early 1960s. At that time several groups of international conservationists arranged to have 9 animals sent to the Phoenix Zoo to be the nucleus of a captive breeding herd. Today the Oryx population is nearing 300 and herds have been returned to reserves in Israel, Jordan, and Oman.

Compiled by Animal Parasitology Institute, Agriculture Research Service, U.S. Department of Agriculture

Published by The Oryx Press
2214 North Central at Encanto
Phoenix, AZ 85004

ISSN 0094-4556

ISBN 0-89774-051-3 (Set)
ISBN 0-89774-058-0 (Part 6B)

PREFACE

The Index-Catalogue of Medical and Veterinary Zoology is an index to the world's literature on animal parasites of animals, including man. It has been maintained in cumulative files since 1892. Only the Author Catalogue has been published in its entirety. A revision of the Author Catalogue of the Index-Catalogue of Medical and Veterinary Zoology, consisting of Parts 1 to 18, was published during the period 1932–52. Beginning in 1953, a series of supplements designed to publish the backlog was initiated. This was completed with Supplement 6, published in 1956. From 1956 to 1964, supplements covering authors A to Z were issued on annual basis.

Beginning with Supplement 15, the Parasite-Subject Catalogues, containing indices to the author references, have been issued. The Author Catalogues of Supplements 15–21 continued the format of previous supplements. Users should note that for each reference in the Author Catalogues of these supplements the author(s) plus the date and letter (e.g., Smith, J.; and Doe, L., 1978 b) are the key to all items in the Parasite-Subject Catalogues derived from that reference. In other words, when using the Parasite-Subject Catalogues of Supplements 15–21, it is necessary to consult the Author Catalogue of the corresponding supplement for complete bibliographic information.

Commencing with Supplement 22, basic bibliographic information is included with each entry in Parts 2–7. It should be emphasized, however, that it will still be useful to consult the Author Catalogue for a variety of other information that may be found there: Title of the reference, translated title, language of text and summaries, published corrections, related references by the same author, and other miscellaneous information.

Each supplement consists of the following parts:

Part 1,	Authors: A-Z
Part 2,	Parasite-Subject Catalogue: Parasites: Protozoa
Part 3,	Parasite-Subject Catalogue: Parasites: Trematoda and Cestoda
Part 4,	Parasite-Subject Catalogue: Parasites: Nematoda and Acanthocephala
Part 5,	Parasite-Subject Catalogue: Parasites: Arthropoda and Miscellaneous Phyla
Part 6,	Parasite-Subject Catalogue: Subject Headings and Treatment
Part 7,	Parasite-Subject Catalogue: Hosts

Users should bear in mind that this is an Index-Catalogue, not a treatise, and should not expect to find reasons for any given entry. Nor does citing of synonymy mean that it is necessarily correct. The same statement holds for hosts, locations, localities, authorship of taxa, designation of new taxa, etc. These items are cited as given by the author(s) of the publication being indexed.

The information included in any given supplement represents only the publications that have been indexed in that supplement; and therefore, exclusion of, or limited entries for, any given author or parasite has no significance. No pretension is made for completeness, and assistance in correcting errors or obtaining additional information is appreciated. Reprints of papers on parasitology are requested.

This edition of the index catalogue is compiled, as usual, by the Animal Parasitology Institute, Agriculture Research Service, U.S Department of Agriculture, but is published in hard copy by The Oryx Press.

Shirley J. Edwards, Editor

EXPLANATORY NOTE

Author Catalogue

The Author Catalogue (Part 1 of each supplement) contains full bibliographic information for each publication indexed during the compilation of that supplement. A symbol for the library from which the original publication may be obtained is given at the end of each entry; e.g., Wa = National Agricultural Library, Beltsville, Maryland; Wm = National Library of Medicine, Bethesda, Maryland; Wc = Library of Congress, Washington, D.C.; etc. A key to these library symbols may be found in Supplements 10 and 20. A list of serial abbreviations new to our files is published at the beginning of each Author Catalogue.

Parasite Catalogues

The Parasite Catalogues (Parts 2–5 of each supplement) are divided by parasite phyla (Protozoa, Trematoda, etc.). They are arranged alphabetically by genera, parasitic diseases, and higher taxa and then alphabetically by species within genera. Entries under each heading are in turn arranged alphabetically by authors and then chronologically for each author. Each entry consists of the name of the parasite or parasitic disease, the author(s) of the publication, date, abbreviated title of the publication, volume, number, inclusive pages, library symbol, and a subheading. Illustrations of parasites are indicated by the word illus. following the name of the parasite.

Entry term → Fasciola hepatica, illus.
Bibliographic information → Smith J.; Doe L
1978 J Parasitol 64 (1) Feb 30–38 Wa
Subheading → Fasciola hepatica, white mice, successful vaccination with culture incubate antigens and antigens from sonic disruption of immature worms

A variety of information is found indented beneath the bibliographic information of each entry: Classification, hosts, synonymy, keys, treatment, etc. Subheadings are guides to the subject matter of the publication.

1. **Classification:** In entries based on systematic articles, the subheading may give the higher taxa in which the taxon has been placed or it may list the lower taxa included in a higher taxon.

2. **Hosts:** The only hosts recorded are those that pertain directly to the author's own work. Scientific host names are used unless the author gives only common names, in which case the host names are given exactly as in the original publication.

   However, when host common names are in Cyrillic alphabet languages, host Latin names are assigned and listed instead of the common names; these are in square brackets [ ].

   Locations of parasites in or on hosts are given in parentheses ( ). Where a host-parasite relationship is well known, a host may be given under a parasite name and not in the Host Catalogue; this applies particularly to parasites of medical and veterinary importance and of worldwide distribution. A + before the host name on the parasite entry means that no host entry was made for this particular reference.

3. **Synonymy:** Usually only those synonyms which the author indicates as new, or which are new to the files of the Index-Catalogue of Medical and Veterinary Zoology, are given.

4. **Keys:** The subheading "key" indicates that the name is included in a taxonomic key.
5. **Treatment:** When there are several antiparasitic agents mentioned in a publication, a general term is used in the subheading, e.g., anthelmintics, insecticides, protozoacides. However, in the Treatment Catalogue, all agents tested by the investigator(s) are listed.
6. **Geographic Distribution:** When there are multiple hosts and geographic localities, the appropriate locality is recorded after each host name; when the hosts of a parasite are all from one locality, they are recorded as "all from" this locality.
7. **Other Subject Matter:** Phrases indicate other subject matter discussed (e.g., immunity, metabolism, morphology, etc.).

Subject Headings Catalogue

The Subject Headings Catalogue (the first section of Part 6 of each supplement) is an alphabetic arrangement of entry terms from a list of subject headings. Each entry consists of the subject heading, bibliographic information, and a subheading reflecting the information contained in the paper. Subject headings with numerous entries are separated into alphabetized subdivisions, e.g.:

Immunity
Immunity, Agglutination
Immunity, Allergy

Treatment Catalogue

In the Treatment Catalogue (a section of Part 6 of each supplement), all entries referring to one antiparasitic agent are grouped under one heading (regardless of the name used by the investigator) and are then listed alphabetically by author. Other names for the same agent are cross-referenced to the name used for filing. When generic and chemical names are available, preference is given to those names as headings rather than to trade names or code numbers and letters. Code number designations for compounds are entered in the Number Index in numerical order and cross-referenced to the name under which they are listed in the alphabetical section. Salts of a compound are usually grouped together; e.g., piperazine adiphate, piperazine citrate, etc., are all listed under Piperazine. Sometimes verifying synonymy of drug names is impossible; consequently, groupings and cross-references are not always authenticated although as many as possible have been checked with reliable sources. In some instances, the cross-references are based entirely on information in papers indexed and verification was not possible. Foreign language terminology has been anglicized where feasible. Chemosterilants, Molluscicides, and Repellents are entered under these three collective headings and not under the individual chemical. The format is the same as the parasite entries: Entry term (in this case, drug name), bibliographic information, and subheading.

Host Catalogue

The Host Catalogue (Part 7 of each supplement) is arranged alphabetically by genera, common names, and higher taxa and then alphabetically by species within genera. Nominate subspecies are interfiled with the species. Entries under each heading are in turn arranged alphabetically by author(s) and then chronologically for each author. The format is the same as in the other Catalogues, i.e., entry term (in this case, host name), bibliographic information, and subheading. Indented beneath the bibliographic information of each host entry are all the parasites of a particular phylum that were reported from this host in the paper in question. Body locations of these parasites will be found in parentheses ( ) either in the subheading or with the host name. Animals identified as hosts only on the basis of serological evidence are not included in the Host Catalogue. Experimental infection is reported as such. When there are multiple parasites and geographic localities, the appropriate locality is recorded after each parasite name; when the parasites from this host are all from one locality, they are recorded as "all from" this locality. When authors use only common names of hosts, scientific names are cautiously supplied from authoritative sources after careful consideration. Cross-references from the common name used by the author to the scientific name supplied by the Index-Catalogue are filed among the host entries. Such supplied names are given in square brackets [ ]. Scientific names are supplied based on particular articles and cross-references are made based on particular names supplied and are not to be construed as having any absolute significance, but are for convenience of location only. For example, a cross-reference Ass *See* [Equus asinus] does not mean that we are not aware that there are other species of asses, but merely that it is clear to us that Equus asinus was the name to supply for the host in the article at hand. If a scientific name cannot be supplied, English common names are used.

Scientific names or English common names are always supplied for common names in Cyrillic alphabet languages, and no cross-references are made. Surveys of parasites of humans and domestic animals are usually indexed under geographic headings and entered in Part 6, Subject Headings, in addition to appearing in the Host Catalogue. In this case, entries are not made in the Parasite Catalogues.

Visitors are welcome to come to the Animal Parasitology Institute to use the cumulative files. Arrangements should be made in advance for lengthy visits. Requests for back issues of the Index-Catalogue and other correspondence should be addressed to:

Index-Catalogue of Medical and
Veterinary Zoology
Animal Parasitology Institute
USDA, ARS, BARC-East,
Building 1180
Beltsville, Maryland 20705 U.S.A.

It is hoped that these Catalogues will serve as a useful tool to workers in the field of parasitology.

The compilers thank the staffs of the National Agricultural Library, the National Library of Medicine, and all other libraries that have aided us invaluably by making publications available to us.

Japan
Satomi N et al
1980 Kansenshogaku Zasshi (J Japan Ass Infect Dis) 54 (5) May 250-255 Wm
protozoal (especially giardiasis) and metazoal infections, hospital patients, survey, study of associated eosinophilia: Tokyo, Japan

Jaundice
Ahmed MK
1980 Bangladesh Med J 8 (4) Apr 136-139 Wm
Ascaris lumbricoides, cause of jaundice in woman, case report, worm removed during gall bladder surgery: Bangladesh

Jaundice
Cieslik R et al
1980 Polski Przegl Chir 52 (3) Mar 257-260 Wm
Echinococcus granulosus, woman, case report, mechanical jaundice following perforation of hydatid cyst into the bile ducts, radiologic diagnosis, surgical therapy

Jaundice
Datta DV et al
1978 Indian J Med Research 68 Sept 485-488 Wa
amoebic hepatic abscess, humans with and without jaundice, no significant alterations of bilirubin UDP-glucuronyl transferase

Jaundice
Gupta S; Udupa KN; Gupta SK
1975 Am J Therap and Clin Rep 1 (2) 141-147 Wm
Taenia echinococcus, man, obstructive jaundice due to blockage of common bile duct by debris from ruptured hepatic hydatid cyst: India

Jaundice
Mittal VK; Sahariah S; Yadav RVS
1980 Am J Proctol Gastroenterol & Colon & Rectal Surg 31 (7) July 17-18 30 Wm
Echinococcus, human hepatic cysts causing jaundice, clinical aspects of 13 cases

Jaundice
Zoch-Zwierz W; Niewiarowska A
1980 Wiadom Lekar 33 (7) Apr 1 565-566 Wm
Toxoplasma gondii, 12-year-old boy, case report, acquired infection with prevailing symptom of jaundice, differential diagnosis

Jejunum See Intestine

Karyotype See Chromosomes

Keratitis See Eye

Kidney [See also Urine and urinary tract]

Kidney
Aikawa M et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 84-91 Wa
Dirofilaria immitis, dogs (exper.), glomerulonephropathy, possible immunopathogenic mechanisms (in situ formation of immune complexes in glomerular basement membrane)

Kidney
Carlier Y; Bout D; Capron A
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 534-538 Wa
Schistosoma mansoni-infected Mesocricetus auratus, detection of M antigen in circulating immune complexes and in kidneys, possible role in aetiology of glomerulonephritis

Kidney
El-Marraghy MA
1976 Ain Shams Med J 27 (1) Jan 83-88 Wm
bilharzial hepatosplenomegaly, humans, associated renal dysfunction resulting from involvement of urinary tract, possible renal failure if urinary system stressed by surgical intervention, evaluation of renal function by radio-renalgram

Kidney
Greenham R; Cameron AH
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 609-613 Wa
Schistosoma haematobium infection in 2 boys with nephrotic syndrome and proliferative glomerulonephritis, case reports, clinical and histological picture, remission of nephrotic syndrome after schistosomiasis was treated with niridazole, significance of heavy proteinuria in schistosomiasis: Somalia

Kidney
Hendrickse RG
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 8-16 Wa
symposium on renal disease in the tropics, epidemiology and prevention, review, includes malaria, schistosomiasis, and scabies as etiologic agents in Africa

Kidney
Hutt MSR
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 17-21 Wa
symposium on renal disease in the tropics, includes malaria, and schistosomiasis as etiologic agents

Kidney
Klei TR; Crowell WA
1981 J Helminth 55 (2) June 123-131 Wa
Brugia pahangi-infected Meriones unguiculatus, pathological changes in kidneys, livers, and spleens

Kidney
Le Bras M et al
1980 Med Trop 40 (1) Jan-Feb 67-70 Wm
Schistosoma mansoni, S. japonicum, humans, glomerular nephropathy, general clinical review

Kidney
Lindsley HB et al
1980 Am J Trop Med and Hyg 29 (3) May 348-357 Wa
Trypanosoma rhodesiense in 5 strains of inbred rats, variable severity of glomerulonephritis, correlation with immunoglobulin class-specific antibody responses to trypanosomal antigens and total IgM levels, circulating immune complexes

Kidney
Mackey LJ et al
1980 Clin and Exper Immunol 42 (3) Dec 412-420 Wa
Plasmodium berghei in 5 strains of mice, immunopathology of lesions in brain, kidney, liver, and spleen

Kidney
Martinelli R; Brito E; Rocha H
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 882-885 Wa
Schistosoma mansoni, human, findings suggest immunologically-induced glomerulopathy as cause of low serum complement levels (β1C/1A globulin), determination of β1C/1A globulin serum levels may be valuable index for diagnosis of early glomerular disease

Kidney
Musa AM; Asha HA; Veress B
1980 Ann Trop Med and Parasitol 74 (6) Dec 615-618 Wa
Schistosoma mansoni in 17 patients with nephrotic syndrome, renal biopsies revealed proliferative and focal glomerulonephritis, 3 patients had renal amyloidosis: Sudan

Kidney
Musa AM; Saleh SY; Abu Asha H
1981 Ann Trop Med and Parasitol 75 (2) Apr 181-184 Wa
schistosomiasis mansoni, past or present infection in 5 Sudanese patients who developed transient nephritis during typhoid fever, typhoid infection may act as activator to already established immune complex glomerular disease caused by schistosomiasis

Kidney
Ozeretskovskaia NN et al
1979 Trop Dis Research Ser (1) 259-271 Wa
Echinococcus granulosus, E. multilocularis, patients with normal spleens vs. patients with enlarged spleens, clinical data, severity of disease, renal damage, serum immunoglobulin levels, total serum protein content and proteinogramme, phytohaemagglutinin skin test, levels of antibodies to DNA, specific antiparasite antibodies, effect of prolonged treatment with mebendazole

Kidney
Pugh RNH; Bell DR; Gilles HM
1980 Ann Trop Med and Parasitol 74 (6) Dec 597-613 Wa
Schistosoma haematobium, human, prevalence and intensity, host age and sex, haematuria, proteinuria, renal function, micturition disturbance, potential public health importance, recommendation for control based on rapid identification of intense infection and selective chemotherapy with single dose metrifonate-niridazole combination: northern Nigeria

Kidney
Sanchez Ibarrola A et al
1981 Am J Med 70 (2) Feb 311-315 Wa
Echinococcus granulosus, woman with hepatic hydatid cyst and nephrotic syndrome, renal biopsy tissue studied by light and electron microscopy and by immunofluorescence, documentation of role of hydatid antigen in the pathogenesis of glomerulonephritis

Kidney
Seagrave C; Bucke D; Alderman D
1980 Fish Dis 3 COPRAQ Sess 174-181 Wa
Marteilia, similarity to organism causing proliferative kidney disease of fish, development and ultrastructure compared

Kidney
Sitprija V et al
1980 Arch Int Med Chicago 140 (4) Apr 544-546
Wa
Trichinella spiralis-infected patients, renal clinicopathologic study, detection of circulating immune complexes and glomerular deposition of C3 and immunoglobulins: northern Thailand

Kidney
Thoongsuwan S; Cox HW
1981 J Parasitol 67 (4) Aug 481-486 Wa
Haemobartonella muris-like agent isolated and identified as occult companion agent in Trypanosoma lewisi-infected rats and implicated as cause of acute hemolytic anemia, splenomegaly with erythrophagocytosis, and proliferative glomerulonephritis in mature rats, disease was less severe in weanling rats, presence of cold-active hemagglutinin, immunoconglutinin, and antibody against fibrinogen products

Kidney
Van Marck EAE et al
1979 Ann Soc Belge Med Trop 59 (1) Mar 33-47 Wa
Schistosoma mansoni-infected mice with partial ligation of the portal vein, light and electron microscopic study of resulting pathology of the kidneys, collateral circulation is apparently not an absolute requirement for glomerulopathy and immune deposits to develop

Kidney
Van Marck EAE et al
1981 Am J Trop Med and Hyg 30 (4) July 780-789
Wa
Trypanosoma gambiense, mice, rats, chronic experimental infections, renal disease, light and electron microscopy, immunofluorescence (deposits of complement and immunoglobulins but no trypanosomal antigen detected), specific antibodies in kidney eluates, circulating immune complexes, appears to be suitable model

Kidney
Van Marck EAE; Deelder AM; Gigase PLJ
1981 Exper Parasitol 52 (1) Aug 62-68 Wa
Schistosoma mansoni, mice with unisexual infections, circulating anodic antigen detected in glomeruli accompanied by deposits of immunoglobulin and complement, probably represents antigen part of immune complexes, circulating anodic antigen appears to be major candidate among antigens involved in schistosomal glomerulopathy

Kidney
Van Marck EAE; Vervoort T
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 666-667
Wa
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immunoglobulins, C3 fraction of complement, and trypanosome antigen in glomeruli, trypanosomal antigen is most probably deposited in immune complex form

Kidney
Zahran MM; Badr MM
1980 Am J Trop Med and Hyg 29 (4) July 576-581
Wa
Schistosoma haematobium, patients with bilharzial uro-obstructive lesions, assessment of renal, ureteral, and bladder functional status by means of Hippuran I^{131} extended renography technique

Killer cells
Attallah AM et al
1980 Internat Arch Allergy and Applied Immunol 63 (3) 351-354 Wa
Schistosoma mansoni, mice, natural killer cells and antibody-dependent cell-mediated components of infection

Killer cells
Charmot G; Bastin R
1979 Bull Soc Path Exot 72 (4) July-Aug 319-324
Wa
P[lasmodium] falciparum, patients with primary infections, transitory appearance of hyperbasophilic mononucleated cells (atypical lymphocytes) suggests cell-mediated immunity, more specifically K cell-related cytotoxicity

Killer cells
Eugui EM; Allison AC
1979 Bull World Health Organ 57 suppl 1 231-238
Wa
Plasmodium chabaudi, course of infection in different strains of mice, cross immunity between P. chabaudi and P. yoelii in different mouse strains, changes in spleen at different intervals after infection, natural killer activity in spleens of mice infected with malaria

Killer cells
Eugui EM; Allison AC
1980 Parasite Immunol 2 (4) Winter 277-292 Wa
Plasmodium chabaudi, Babesia microti, mice, striking differences in susceptibility to infection among different host strains, these differences do not seem to be related to H-2 constitution but may be correlated with natural killer cell activity in spleen

Killer cells
Hatcher FM et al
1981 J Immunol 127 (3) Sept 1126-1130 Wm
Trypanosoma cruzi-infected mice, increased natural killer cell activity, data not indicative of direct role for host protection by these cells

Killer cells
Hunter KW jr et al
1981 Immunol Letters 2 (4) Jan 209-212 Wa
Plasmodium yoelii, mice, early enhancement of natural killer cell activity (correlated with transient early rise in serum interferon levels) followed by marked suppression later in course of infection, antibody-dependent cell-mediated cytotoxicity and responses of T and B lymphocytes to mitogens were suppressed throughout course of infection

Killer cells
Irvin AD et al
1981 Internat J Parasitol 11 (3) June 251-255
Wa
Babesia rodhaini and B. microti infections in intact, surgically splenectomised, and congenitally asplenic (Dh/+) mice, differences in susceptibility, Dh/+ mice could prove of value in study of natural killer cell activity; male mice were more susceptible than females

Killer cells
Musumeci S et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 304-305
Wa
visceral leishmaniasis, children, haematological data (including immunoglobulin levels), lymphocyte subpopulations, K cell activity

Kinetoplast
Arnot DE; Barker DC
1981 Molec and Biochem Parasitol 3 (1) May 47-56
Wa
Leishmania SP48, L. tropica major, L. aethiopica, L. tarentolae, kinetoplast DNA sequence homologies, results emphasize danger of constructing rigid Leishmania classification on buoyant density data alone, covalent binding of kDNA electrophoretic separations on diazobenzyloxymethyl paper permits construction of DNA sequence 'library' which can be used in classification and diagnosis of unknown Leishmania isolates

Kinetoplast
Barker DC; Arnot DE
1981 Molec and Biochem Parasitol 3 (1) May 33-46
Wa
Leishmania SP48, L. tropica major, L. aethiopica, isolated from human cutaneous leishmaniasis, L. tarentolae as model organism, ultrastructure of promastigotes, ultrastructure of isolated kinetoplast DNA, buoyant density analysis of kinetoplast and nuclear DNA, application to identification and taxonomy

Kinetoplast
Barrois M; Riou G; Galibert F
1981 Proc National Acad Sc 78 (6) June 3323-3327
Wa
Trypanosoma equiperdum, complete nucleotide sequence of minicircle kinetoplast DNA, presence of region of about 130 base pairs that is almost perfectly homologous with that of minicircles from T. brucei

Kinetoplast
Bauman JGJ et al
1980 Exper Cell Research 128 (2) Aug 485-490
Wm
new method for fluorescence microscopical localization of specific DNA sequences by in situ hybridization of fluorochrome-labelled RNA, application to visualize kinetoplast DNA of Crithidia luciliae

Kinetoplast
Borst P et al
1980 Developments Genetics 2 7-19 Wm; Wa
Trypanosoma brucei, kinetoplast DNA, review: structure, evolution, transcription, mutants

Kinetoplast
Borst P et al
1980 Biochim et Biophys Acta 610 (2) Dec 11 197-210 Wm
Trypanosoma brucei, variations in maxi-circle and mini-circle sequences in kinetoplast DNAs from different strains, results could be useful in determining how closely two strains are related and as sensitive tags for individual strains

Kinetoplast
Borst P; Fase-Fowler F; Gibson WC
1981 Molec and Biochem Parasitol 3 (2) June 117-131 Wa
Trypanosoma brucei gambiense, T. b. rhodesiense, T. b. brucei, quantitation of genetic differences by restriction enzyme analysis of kinetoplast DNA, these 3 variants are so closely related that they cannot be distinguished on this basis alone

Kinetoplast
Borst P; Hoeijmakers JHJ; Hajduk SL
1981 Parasitology 82 (4) July 81-93 Wa
structure, function and evolution of kinetoplast DNA, Workshop Proceedings, 3. European Multicolloquium of Parasitology

Kinetoplast
Brun R; Leon W
1978 Acta Trop 35 (3) Sept 239-246 Wa
Leishmania tarentolae, effect of ethidium bromide on growth, dyskinetoplasty, and ultrastructure of promastigotes in vitro

Kinetoplast
Brunel F et al
1980 Gene 12 (3-4 pt II) Dec 223-234 Wa
Trypanosoma brucei, cloning and expression of kinetoplast DNA in Escherichia coli

Kinetoplast
Challberg SS; Englund PT
1980 J Molecular Biol 138 (3) Apr 15 447-472
Wa
Leishmania tarentolae, heterogeneity of minicircles in kinetoplast DNA

Kinetoplast
Chen KK; Donelson JE
1980 Proc National Acad Sc 77 (5) May 2445-2449
Wa
Trypanosoma brucei, sequences of 2 kinetoplast DNA minicircles

Kinetoplast
Cuthbertson R
1980 Proc 38 Ann Meet Electron Microsc Soc America (San Francisco California Aug 4-8) 504-505 Wa
Trypanosoma equinum, presence, morphology, and location of kinetoplast DNA within mitochondrion determined using transmission electron microscopy and fluorescence microscopy

Kinetoplast
Cuthbertson RS
1981 J Protozool 28 (2) May 182-188 Wa
Trypanosoma equinum, identification and characterization of kinetoplast DNA in this naturally occurring totally dyskinetoplastic species

Kinetoplast
Englund PT; Marini JC
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1064-1069 Wa
Crithidia fasciculata, replication of kinetoplast DNA

Kinetoplast
Frasch ACC et al
1980 Biochim et Biophys Acta 607 (3) May 30 397-410 Wa
Trypanosoma equiperdum, kinetoplast DNA

Kinetoplast
Freymuller E; Camargo EP
1981 J Protozool 28 (2) May 175-182 Wa
trypanosomatids with and without endosymbionts, ultrastructural differences (intraflagellar structure, peripheric mitochondrial branching, kinetoplast DNA fibrils)

Kinetoplast
de Groot ER et al
1980 Immunol Commun 9 (5) 515-528 Wm
Crithidia luciliae, high-avidity human antibody to double-stranded DNA (dsDNA) could be virtually completely dissociated from kinetoplast dsDNA at pH 12 and low-avidity antibody at pH 11

Kinetoplast
Hoeijmakers JHJ et al
1981 Plasmid 5 (3) May 329-350 Wa
Trypanosoma brucei brucei, transcription of kinetoplast DNA in bloodstream and culture forms

Kinetoplast
Hoeijmakers JHJ; Weijers PJ
1980 Plasmid 4 (1) July 97-116 Wa
Trypanosoma brucei, segregation of kinetoplast DNA networks; T. evansi, morphology of kDNA networks

Kinetoplast
Kilgour V
1980 Internat J Biochem 12 (3) 325-332 Wa
Trypanosoma brucei, T. cruzi, energy metabolism, proteins (surface coat and antigenic variation, isoenzymes), lipids, nucleic acids, review

Kinetoplast
Leon W et al
1980 Biochim et Biophys Acta 607 (2) Apr 30 221-231 Wa
Trypanosoma cruzi, maxi-circles and mini-circles in kinetoplast DNA; mini-circle digestion patterns may not be stable and reliable criterion for strain characterization

Kinetoplast
McGhee RB; Cosgrove WB
1980 Microbiol Rev 44 (1) Mar 140-173 Wa
lower Trypanosomatidae, general biology and systematics, cell biology and physiology, review; includes unpublished data on possible human infection with Herpetomonas sp. in Corpus Christi, Tex., hospital

Kinetoplast
Marini JC; Miller KG; Englund PT
1980 J Biol Chem 255 (11) June 10 4976-4979 Wa
Crithidia fasciculata, decatenation of kinetoplast DNA by topoisomerases

Kinetoplast
Morel C et al
1980 Proc National Acad Sc Biol Sc 77 (11) Nov 6810-6814 Wa
Trypanosoma cruzi, characterization of strains and clones by pattern of restriction endonuclease products of kinetoplast DNA minicircles, proposal of new terminology to classify hemoflagellates into 'schizodemes'; procedure may also be useful for classification of pathogenic Leishmania

Kinetoplast
Morel C; Simpson L
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1070-1074 Wa
Trypanosoma cruzi, characterization of stocks, strains, and clones by restriction endonuclease fingerprinting of kinetoplast DNA minicircles, technique should be useful for other pathogenic Trypanosomatidae

Kinetoplast
Muehlpfordt H
1981 Ztschr Parasitenk 65 (1) 95-101 Wa
Trypanosoma (Schizotrypanum) spp. derived from bats or Chagasic patients, kinetoplasts, comparative ultrastructure, typical configuration of kDNA makes it possible to distinguish between trypanosomes of Schizotrypanum subgenus and other trypanosomes, but it is not sufficient for characterizing species of that subgenus

Kinetoplast
Ono T; Nakabayashi T
1980 Biken J 23 (3) Sept 143-155 Wa
Trypanosoma gambiense, bleomycin inhibits nuclear duplication and causes deformation of nucleus without any effect on kinetoplast, inhibits DNA synthesis in nucleus but not in kinetoplast, and induces microtubule abnormalities

Kinetoplast
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1980 Cell Biol Internat Rep 4 (12) Dec 1109-1116 Wm
Trypanosoma lewisi, molecular cloning of 'minor' component of kinetoplast DNA

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1980 Molec and Biochem Parasitol 1 (2) Apr 97-105 Wa
Trypanosoma equiperdum, absence of kinetoplast DNA in late antigenic variant

Kinetoplast
Riou GF; Belnat P; Benard J
1980 J Biol Chem 255 (11) June 10 5141-5144 Wa
Trypanosoma equiperdum, complete loss of kinetoplast DNA sequences induced by ethidium bromide or by acriflavine, same infectivity in mice and rats as kinetoplastic strain, concluded that no component of kNDA network is essential to viability and pathogenicity

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Riou G; Benard J
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Trypanosoma equiperdum, berenil induces complete and irreversible loss of kinetoplast DNA sequences

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1981 Biochem and Biophys Research Comm 101 (3) Aug 14 988-994 Wa
Trypanosoma cruzi, occurrence of kinetoplast DNA-protein complex

Kinetoplast
Schnur LF et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
Leishmania strains isolated in Old and New World from human visceral cases, dogs, and wild animals thought to be reservoirs of human visceral leishmaniasis, biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant densities, excreted factor serotypes, and electrophoretic mobilities of enzymes), ability of L. tropica-like organisms to visceralize, non-L. tropica organisms considered as essentially being single complex that is widely distributed in world

Kinetoplast
Simpson AM; Simpson L
1980 Molec and Biochem Parasitol 2 (2) Dec 93-108 Wa
Trypanosoma brucei, kinetoplast DNA and RNA

Kinetoplast
Simpson L et al
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1053-1063 Wa
Leishmania tarentolae, Trypanosoma brucei, kinetoplast DNA and RNA; in vitro culture system for study of genetic function of kinetoplast DNA during active period of mitochondrial biogenesis that occurs in life cycle of T. brucei

Kinetoplast
de Souza W et al
1979 J Invert Path 34 (2) Sept 253-255 Wa
Trypanosoma cruzi epimastigotes, presence of basic proteins associated to kinetoplast-DNA

Kinetoplast
de Souza W; Angluster J; Bunn MM
1977 J Submicroscopic Cytol 9 (4) 355-361 Wa
Herpetomonas samuelpessoai grown in defined medium with or without glucose, cytochemical detection of cytochrome oxidase in mitochondrion-kinetoplast complex

Kinetoplast
Stuart K
1980 J Parasitol 66 (6) Dec 1060-1061 Issued May 6 1981 Wa
Trypanosoma brucei, cultivation of dyskinetoplastic mutant stock

Kinetoplast
Stuart K; Gelvin SR
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1075-1081 Wa
Trypanosoma brucei, kinetoplast DNA, sequence organization, transcription, alterations in dyskinetoplastic mutants

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1979 Biokhimiia 44 (11) Nov 2073-2082 Wm
Crithidia oncopelti, C. fasciculata, presence of genes of ribosomal and transfer RNAs in kinetoplast DNA

Kinetoplast
Zaitseva GN et al
1981 Biokhimiia 46 (11) Nov 2056-2063 Wa
Crithidia oncopelti, ability of complex associate made up of maxi- and mini-circular molecules of kinetoplast DNA to perform polypeptide synthesis in cell-free system of E. coli

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Cho KM et al
1976 Yonsei Rep Trop Med 7 (1) Nov 17-25 Wm
human intestinal parasites, prevalence survey: Sochong-do Island, Korea

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Soh CT
1978 Yonsei Rep Trop Med 9 (1) Nov 1-10 Wm
snail-mediated parasites, vectors, clinical features of infections, distribution, epidemiology, brief review: Korea

Labelling See Radioisotopes; Tagging

Laboratory animals See Technique, Experimental hosts; Part 7, Hosts

Lactation [See also Disease transmission, Lactation]

Lactation
Barger IA; Gibbs HC
1981 Vet Parasitol 9 (1) Oct 69-73 Wa
Ostertagia, Cooperia, cows (exper.), depressed milk production

Lactation
Breniere S; Viens P
1980 Canad J Microbiol 26 (9) Sept 1090-1095 Wa
Trypanosoma musculi, pattern of infection and antibody production in baby mice, transfer of immunity from mother mice to litter through milk, specific antibody classes involved

Lactation
Clarkson AB jr; Mellow GH
1981 Science (4517) 214 Oct 9 186-188 Wa
Trypanosoma lewisi, serum of lactating rats that have never been infected contains rheumatoid factor-like IgM which amplifies specific IgG response to parasite and accounts for unusual resistance of previously uninfected lactating rats and their suckling pups, similar rheumatoid factor-like IgM induced late in usual course of infection in nonlactating rats amplifies earlier IgG response and terminates infection, first description of rheumatoid factor (which is classified as autoimmune antibody) acting in protective manner, possible implications for T. cruzi infection

Lactation
Eysker M
1981 Ztschr Parasitenk 65 (3) 343-351 Wa
Haemonchus contortus, effects of pregnancy and lactation on survival and development of single dose of larvae which were conditioned for inhibited development and of such a primary infection on resistance to reinfection

Lactation
Ngwenya BZ
1980 Parasitology 81 (1) Aug 17-26 Wa
Nippostrongylus brasiliensis- or Trichinella spiralis-infected lactating vs. nulliparous mice, depressed lysophospholipase B levels in intestine, reduced numbers of bone-marrow eosinophils, relation to worm expulsion

Lactation
Shubber AH; Lloyd S; Soulsby EJL
1981 Ztschr Parasitenk 65 (2) 181-189 Wa
Nematospiroides dubius, mice, immunization, effect of lactation on protective immune response to challenge infection, colostral transfer of immunity to offspring; Haemonchus contortus, ewes (exper.), effect of pregnancy and lactation on immune response

Lactation
Wilson PAG; Simpson NE
1981 Parasitology 83 (3) Dec 459-475 Wa
Strongyloides ratti, nulliparous female rats, nursing mothers and their pups, dynamics of infection and route of migration in low dose infections of homogonic and heterogonic parasite strains

Latex test See Immunity, Agglutination

Leather
Oormazdi H; Baker KP
1980 Brit Vet J 136 (2) Mar-Apr 146-153 Wa
Linognathus vituli, Bovicola bovis, calves (exper.), no significant effect on haemoglobin levels, packed cell volumes, erythrocyte or leucocyte counts, or weight gains, increased number of eosinophils; concluded that pediculosis is of economic importance in the Republic of Ireland because of resulting hide damage

Lectins
Bos HJ
1979 Acta Leidensia 47 23-35 Wa
Entamoeba histolytica, review of some characteristics of plasma membrane that are possibly related to parasite's pathogenicity: distribution of membrane intercalated particles and concanavalin A induced agglutination; endocytosis; surface charge; contact lysis and intracellular toxins; lectin-activity of amoebic extracts

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Entamoeba histolytica, axenically-grown trophozoites, lectin activity

Lectins
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1981 J Infect Dis 144 (6) Dec 539-546 Wa
Entamoeba histolytica trophozoites, adhesion to monolayers of host cells is dependent on time, temperature, pH, and concentration and is mediated by carbohydrate binding protein (lectin) in the parasite membrane, adhesion is inhibited by such mechanisms as glucosamine-containing glycoconjugates, IgA, sera from patients with amoebiasis and IgG fraction from these sera

Lectins
Kobiler D; Mirelman D; Mattern CFT
1981 Am J Trop Med and Hyg 30 (5) Sept 955-959 Wa
Entamoeba histolytica, lectin and toxin-like activities are separate but share a considerable number of properties

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Mattern CFT; Keister DB; Natovitz PC
1980 Am J Trop Med and Hyg 29 (1) Jan 26-30 Wa
Entamoeba histolytica, lectin-like toxic factor which can be inhibited by fetuin

Lectins
Mirelman D et al
1981 Biochem Parasites (Slutzky) 103-116 Wa
adherence of pathogenic microorganisms to intestinal tract, includes section on adhesive properties of Entamoeba histolytica (lectin found in cell membrane)

Lectins
Mirelman D; Kobiler D
1981 Ciba Found Symp (80) 17-35 Wm
Entamoeba histolytica, presence of lectin which apparently plays role in adhesion of trophozoites to host cells, similarities and differences between lectin and toxin-like activities of E. histolytica, review

Lectins
Pereira MEA; Andrade AFB; Ribeiro JMC
1981 Science (4482) 211 Feb 6 597-600 Wm
lectins of distinct specificity in Rhodnius prolixus interact selectively with Trypanosoma cruzi

Legal medicine See Medicine, Legal

Lesser Sunda Islands See Indonesia, Lesser Sunda Islands

Leucocytes See Leukocytes

Leukocytes [See also Basophils; Blood; Eosinophils; Globule leukocytes; Granulocytes; Lymphocytes; Neutrophils; Monocytes]

Leukocytes
Adams DB
1981 Internat J Parasitol 11 (4) Aug 309-317 Wa
Haemonchus contortus, sheep during primary infection and during recovery from infection which followed anthelmintic treatment, changes in blood leukocytes, bone marrow, and lymphoid organs, in vitro reactivity of blood lymphocytes to parasite antigen, haemagglutinating antibody response to rat erythrocytes, immunological basis for selective unresponsiveness to parasite antigen has yet to be clarified

Leukocytes
Allen PC; Kuttler KL; Amerault TE
1981 Am J Vet Research 42 (2) Feb 326-328 Wa
Anaplasma marginale, cows, comparative serum protein changes elicited by attenuated and virulent isolates, fluctuations in immunoglobulins, card test titers and total WBC compared and correlated with parasitemia

Leukocytes
Anosa VO
1980 Zentralbl Vet Med Reihe B 27 (3) 169-180 Wa
Trypanosoma brucei in splenectomised and intact mice (exper.), parasitaemia, plasma volumes, leucocyte and bone marrow cell counts, moribund state

Leukocytes
Anosa VO; Isoun TT
1980 J Comp Path 90 (1) Jan 155-168 Wa
Trypanosoma vivax, goats, intact and splenectomized sheep, anemia, red cell survival and sites of destruction, roles of bone marrow and spleen, changes in total and differential leucocyte counts

Leukocytes
Bhopale MK; Menon S; Kulkarni L
1980 J Helminth 54 (2) June 97-104 Wa
Necator americanus in infant rabbits, complete development, humoral antibody, leukocyte response, serum protein changes, suitable laboratory model

Leukocytes
Carson CA; Kakoma I; Ristic M
1980 Comp Immunol Microbiol and Infect Dis 3 (3) 277-281 Wa
Anaplasma marginale, cattle, use of peripheral blood leukocytes in study of cell-mediated immunity, review: leukocyte migration inhibition test; blastogenesis test; cytotoxicity test

Leukocytes
Chandrasekaran B; Ghirnikar SN; Harinath BC
1980 Indian J Exper Biol 18 (10) Oct 1179-1180 Wm
Wuchereria bancrofti, effect of diethylcarbamazine and diethylcarbamazine-N-oxide on microfilariae in vitro in presence of immune sera and leukocytes

Leukocytes
Chang KP
1981 Am J Trop Med and Hyg 30 (2) Mar 322-333 Wa
Leishmania donovani, leishmanicidal mechanisms of human polymorphonuclear phagocytes

Leukocytes
Chang KP
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Leishmania donovani, antibody-mediated inhibition of phagocytosis in amastigote-human phagocyte interactions in vitro

Leukocytes
Clayton CE et al
1980 Infect and Immun 28 (3) June 824-831 Wm
Trypanosoma b. brucei, mice, cellular proliferation and functional depletion in blood, peritoneum, and spleen related to changes in bone marrow stem cells

Leukocytes
Franco ELF; de Souza AVR
1979 Rev Inst Med Trop S Paulo 21 (4) July-Aug 161-165 Wm
Schistosoma mansoni, mice, blood leukocyte pattern, serum proteins, blood urea and glucose

Leukocytes
Hinz E
1979 Tropenmed u Parasitol 30 (3) Sept 387-390 Wa
Echinococcus multilocularis, mice, intraperitoneal primary infection inhibits growth of subcutaneous superinfection; intraperitoneal primary infection is responsible for variations in serum proteins, white blood cell counts, and hemoglobin content

Leukocytes
Jeong KH; Lie KJ; Heyneman D
1980 J Invert Path 35 (1) Jan 9-13 Wa
Echinostoma lindoense in sensitized and resensitized Biomphalaria glabrata, leucocytosis, significant and more rapid leucocyte increase in resensitized snails

Leukocytes
Kaaya GP et al
1980 Tropenmed u Parasitol 31 (2) June 232-238 Wa
Trypanosoma congolense, sera from infected calves inhibited bovine granulocyte/macrophage (but not erythroid) colony formation in vitro, partial characterization of inhibitory factor; sonicated T. brucei, T. congolense, or T. theileri added directly into cultures had no effect on granulocyte/macrophage colony formation but enhanced erythroid colony formation

Leukocytes
Kazura JW
1981 J Infect Dis 143 (5) May 712-718 Wa
Trichinella spiralis, in vitro study of capacity of human leukocytes in presence of serum from infected individuals and complement to destroy newborn larvae, results show that host defense is in part mediated by granulocytes and dependent on presence of IgG antibodies directed against migratory parasitic stage

Leukocytes
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1980 Immunology 40 (1) May 61-66 Wa
Trypanosoma cruzi, antibody-dependent killing of circulating forms by human or mouse leucocytes, human and mouse effector cell types

Leukocytes
Klesius PH; Fudenberg HH; Smith CL
1980 Comp Immunol Microbiol and Infect Dis 3 (3) 247-260 Wa
comparative studies on dialyzable leukocyte extracts containing transfer factor, review, includes some information on parasites

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1980 Am J Trop Med and Hyg 29 (6) Nov 1286-1300 Wa
Schistosoma mansoni, primary and secondary infections in 4 mammalian laboratory hosts of variable natural susceptibility, leukocytic reactions to schistosomula in lungs, correlation with adult worm recoveries

Leukocytes
Masake RA et al
1981 Clin and Exper Immunol 43 (3) Mar 583-589 Wa
Trypanosoma congolense, in vitro response to mitogens of leucocytes from infected cattle

Leukocytes
Mason PR; Forman L
1980 J Parasitol 66 (6) Dec 888-892 Issued May 6 1981 Wa
Trichomonas vaginalis, in vitro effect of axenically cultured parasites and their secretions on polymorphonuclear leucocyte chemotaxis

Leukocytes
Murray HW; Aley SB; Scott WA
1981 Molec and Biochem Parasitol 3 (6) Oct 381-391 Wa
Entamoeba histolytica, susceptibility to killing by reactive oxygen products generated in cell-free systems, potential role for oxygen intermediates released by phagocytic leukocytes in host defense mechanism

Leukocytes
Musumeci S et al
1978 Acta Trop 35 (2) June 183-193 Wa
kala azar, 5 patients, leukokinetic studies, mechanism of neutropenia

Leukocytes
Pearson RD; Steigbigel RT
1981 J Immunol 127 (4) Oct 1438-1443 Wm
Leishmania donovani, phagocytosis and killing of promastigotes by human polymorphonuclear leukocytes by H_2O_2-peroxidase-halide system

Leukocytes
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1981 Immunology 42 (4) Apr 521-527 Wa
Trypanosoma cruzi, sequence of phagocytosis and cytotoxicity by human polymorphonuclear leucocytes in presence of specific antibody

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Rimoldi MT; Olabuenaga SE; de Bracco MME
1981 J Protozool 28 (3) Aug 351-354 Wa
Trypanosoma cruzi, phagocytosis by human polymorphonuclear leukocytes assayed by radioisotopic method in presence or absence of anti-T. cruzi antibodies

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1980 Exper Parasitol 50 (3) Dec 331-341 Wa
Nippostrongylus brasiliensis-infected rats, peripheral leukocyte responses, correlation of basophils with blood histamine concentrations

Leukocytes
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1977 Indian J Helminth 28 (1) Mar 1976 43-53 Issued Oct 26 Wa
Setaria cervi, intraperitoneal implantation in rats, changes in leucocyte pattern of host during a six-week period

Leukocytes
Stagg DA et al
1981 Parasitology 83 (1) Aug 191-197 Wa
Theileria parva, method for separation and concentration of large numbers of sporozoites from Rhipicephalus appendiculatus, course of initial infection of cattle leucocytes with sporozoites in vitro

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Tubaro E et al
1980 Biochem Pharmacol 29 (13) July 1 1945-1948 Wm
Plasmodium berghei-infected mice, xanthine oxidase increase in polymorphonuclear leucocytes and macrophages, possible nonspecific natural defense mechanism

Leukocytes
Vadas MA et al
1980 Clin and Exper Immunol 39 (3) Mar 683-694 Wm
Schistosoma mansoni, unpurified peripheral blood leucocytes or purified eosinophils and neutrophils from patients or from normal individuals were compared for ability to interact with antibody-coated schistosomula

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Stuerchler D et al
1980 Tropenmed u Parasitol 31 (1) Mar 87-93 Wa
hookworm, Ascaris lumbricoides, Trichuris trichiura, human, prevalence by host age and sex, effect of community anthelmintic chemotherapy in settlements already having improved environmental sanitation, analysis of costs: Liberia

Libya
El-Boulaqi HA; Dar FK; Medini MS
1980 J Egypt Soc Parasitol 10 (1) June 77-82 Wa
Prevalence of intestinal parasites in primary school children in Benghazi city

Life cycle [See also Development]

Life cycle
Ass MIa
1979 Ang Parasitol 20 (2) June 109-116 Wa
suggestions for standardizing schematic drawings of parasite life cycles

Life cycle
Baker JR
1977 Acta Trop 34 (1) Mar 7-19 Wa
vector-borne blood parasites, morphological and physiological adaptations which facilitate transmission between invertebrate and vertebrate hosts, review

Life cycle
Gaevskaia AV; Nigmatullin ChM
1981 Biol Nauki Min Vyssh i Sredn Spetsial Obrazovan SSSR (205) (1) 52-57 Wa
helminths of Sthenoteuthis pteropus, intensity and extensiveness of infection, synchronization of trophic and parasitological relationships of host, role of host in helminth developmental cycles: tropical Atlantic

Life cycle
Sharpilo VP
1979 Vestnik Zool Akad Nauk Ukrainsk SSR Inst Zool (1), Jan-Feb 3-13 Wa
paratenic hosts in helminth life cycles, significance in evolution and epidemiology, theoretical review

Life cycle
Trail DRS
1980 Am Naturalist 116 (1) July 77-91 Wa
parasite-induced modifications of host behavior, analysis with respect to (1) dispersal of parasite propagules to new hosts, (2) modification of host's energy budget to provide energy for parasite's growth and maturation, and (3) keeping the host alive until the parasite has completed its life cycle, phenomenon of host 'suicide' and its possible role in evolution of complex life cycles

Life cycle, Acanthocephala
Amin OM; Burns LA; Redlin MJ
1980 Proc Helminth Soc Washington 47 (1) Jan 37-46 Issued Feb 15 Wa
Acanthocephalus parksidei in Caecidotea militaris, prevalence, intensity, developmental cycle, sex of parasite, age and sex of host, seasonal variations, analyses of parasite population distribution: Pike River, southeastern Wisconsin

Life cycle, Acanthocephala
Orecchia P et al
1978 Parassitologia 20 (1-3) Dec 175-181 Wa
Cyathocephalus truncatus, Dentitruncus truttae, intermediate hosts, incidence and seasonal occurrence: River Tirino (L'Aquila, Italy)

Life cycle, Acanthocephala
Samuel G; Bullock WL
1981 J Parasitol 67 (2) Apr 214-217 Wa
Paratenuisentis ambiguus, life cycle and larval development in amphipod and eel hosts: Oyster River, Durham, New Hampshire

Life cycle, Arthropoda
Anderson JF; Magnarelli LA
1980 J Med Entom 17 (4) July 31 314-323 Wa
ixodid ticks of vertebrates, infestation levels, seasonal geographical distribution, parasite sex ratios, age of parasite; field studies suggest some Dermacentor variabilis and Ixodes dammini may have 2-year life cycles: Connecticut

Life cycle, Arthropoda
Bandopadhyay D; Shelgaonkar VL; Pundlik CG
1979 Indian J Entom 41 (1) Mar 58-64 Wa
Leptotrombidium deliense, improved technique for colonization; observations on life history

Life cycle, Arthropoda
Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154 Wa
Probopyrus pandalicola on Palaemonetes paludosus, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida

Life cycle, Arthropoda
Cerqueira EJL; Linardi PM
1979 Rev Brasil Biol 39 (2) May 419-423 Wa
Polygenis tripus, evolutive cycle, description of larva

Life cycle, Arthropoda
Chmela J
1969 Folia Parasitol 16 (4) 313-319 Wa
Ixodes ricinus, time intervals between hatching, metamorphosis, and diapause of different stages over 3-year period, seasonal occurrence: Olomouc region, Moravia

Life cycle, Arthropoda
Clifford CM et al
1980 J Parasitol 66 (2) Apr 312-323 Wa
Ornithodoros amblus, redescription of male and female, description of nymph and larva, hosts, distribution, species relationships, life cycle, virus infections, human hosts and reactions, tick control and spider and lizard predation: Peru

Life cycle, Arthropoda
Coffman CC
1972 Diss (South Dakota State Univ) 107 pp Ann Arbor Michigan Wa(DISS 72-33,332)
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Life cycle, Arthropoda
Cook IM; Spain AV
1981 Austral J Zool 29 (1) 7-14 Wa
Haematobia irritans exigua, immature stages, rates of development in relation to temperature and dung moisture levels, female pupae developed more rapidly than male pupae at all temperatures

Life cycle, Arthropoda
Das HL; Subramanian G
1972 Acarologia 13 (3) May 496-501 Issued Apr 28 Wa
Hyalomma marginatum isaaci, life cycle in laboratory, effects of temperature and humidity, host preference, 2- vs. 3-host cycle

Life cycle, Arthropoda
Day JF; Benton AH
1980 Am Midland Naturalist 103 (2) Apr 333-338 Wa
siphonapteran parasites of Glaucomys volans volans have apparently separated themselves seasonally by adjusting their life history schedules so that adults of only one species of flea predominate in the nest during any given month of the year

Life cycle, Arthropoda
Fannaly MT
1980 Proc Louisiana Acad Sc 43 Dec 26-29 Wa
Olencira praegustator on Brevoortia patronus, life history, host lengths, parasite lengths, parasite sex distribution, effect on host: Lake Pontchartrain, Louisiana

Life cycle, Arthropoda
Gardiner WP; Gettinby G; Gray JS
1981 Vet Parasitol 9 (1) Oct 75-86 Wa
Ixodes ricinus, models based on weather for predicting tick development times

Life cycle, Arthropoda
Gingrich RE
1981 J Parasitol 67 (3) June 398-402 Wa
Cuterebra fontinella, migratory kinetics in Peromyscus leucopus artificially infested at nares, anus, eye, or subcutaneous tissues of back

Life cycle, Arthropoda
Gordon MJ; Swan BK; Paterson CG
1979 Canad J Zool 57 (9) Sept 1748-1756 Wa
Unionicola formosa in Anodonta cataracta, life history, seasonal variations, incidence of infection and host loading increases with host length, no selectivity for host sex, parasite sex ratio and male-female associations

Life cycle, Arthropoda
Graf JF; Mermod C; Aeschlimann A
1979 Bull Soc Neuchatel Sc Nat 3 s 102 55-68 Wa
Ixodes trianguliceps, geographic distribution, ecology (seasonal fluctuation, altitude and biotope comparisons, mixed infestations), life cycle: Suisse

Life cycle, Arthropoda
Hueli LE
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 143-152 Wa
Hyalomma m. marginatum, biological cycle, laboratory conditions

Life cycle, Arthropoda
Jacobson HA; McGinnes BS; Catts EP
1978 J Wildlife Dis 14 (1) Jan 56-66 Wa
Cuterebra myiasis, cottontail rabbits, seasonal occurrence, host age and sex prevalence, larval development sites; laboratory and field observations on life history and biology of C. buccata, sex ratio for reared flies: Virginia

Life cycle, Arthropoda
Jones JB
1980 System Parasitol 2 (1) Dec 103-116 Wa
Caligus patulus, redescription, developmental stages

Life cycle, Arthropoda
Khalil GM
1979 J Med Entom 16 (3) Oct 12 200-206 Wa
Argas persicus, life cycle in laboratory; survival capacity of unfed ticks

Life cycle, Arthropoda
Koshy TJ; Rajavelu G; Lalitha CM
1979 Cheiron 8 (1) June 52-55 Wa
Otobius megnini, life cycle studies using sheep and a rabbit

Life cycle, Arthropoda
Koshy TJ; Rajavelu G; Lalitha CM
1979 Kerala J Vet Sc 10 (2) Dec 214-219 Wa
Ornithodoros savignyi, life cycle studies using rabbit and calf

Life cycle, Arthropoda
Krinsky WL
1979 J Med Entom 16 (4) Nov 7 354-355 Wa
Ixodes dammini on rabbits (exper.), development in laboratory compared with published data about I. scapularis and I. muris; some differences in feeding and mating behavior between I. muris and the other 2 species

Life cycle, Arthropoda
Le Riche PD et al
1974 Bull Entom Research 64 (1) Aug 53-63 Wa
Ixodoidea, domestic animals, seasonal occurrence, climatic factors, predilection sites, geographic distribution, life cycle of Ixodes gibbosus: Cyprus

Life cycle, Arthropoda
Morel PC
1979 Bull Acad Vet France 132 n s 52 (4) Nov-Dec 583-589 Wa
Ixodoidea, joint evolution with their mammal hosts under varying ecological conditions; life cycle types, review

Life cycle, Arthropoda
Norval RAI et al
1980 Vet Parasitol 7 (3) Nov 255-263 Wa
Amblyomma tholloni, life cycle under laboratory conditions, durations of developmental periods, egg productivity, attachment and feeding on hosts, attraction of males to partially fed females and sex pheromone 2,6-dichlorophenol, presence of 2,6-dichlorophenol in partially fed females

Life cycle, Arthropoda
Nosek J et al
1980 Ztschr Parasitenk 63 (3) 209-212 Wa
Argas persicus, bionomics, developmental cycle and influence of environmental temperature, seasonal distribution, localization on chickens, tick paralysis, geographic distribution: Slovakia

Life cycle, Arthropoda
Osburn RL
1981 Ann Entom Soc Am 74 (2) Mar 177-179 Wa
Dermacentor albipictus, timing of ecdysis and spermatogenesis, % of males and females ecdysing from ticks collected as engorged nymphs

Life cycle, Arthropoda
Pandey VS; Ouhelli H; Elkhalfane A
1980 Vet Parasitol 7 (4) Dec 347-356 Wa
Gasterophilus intestinalis, G. nasalis, horses, monthly prevalence and intensity, effect of host age, implications of results for life cycle pattern and infection dynamics: Settat region of Morocco

Life cycle, Arthropoda
Paterson CG; MacLeod RK
1979 Canad J Zool 57 (10) Oct 2047-2049 Wa
Unionicola formosa, life history, can transform to nymphal stage in absence of aquatic insect host

Life cycle, Arthropoda
Rechav Y; Knight MM
1981 J Parasitol 67 (1) Feb 85-89 Wa
Rhipicephalus glabroscutatum, life cycle in laboratory, spermatogenesis, seasonal activity and hosts

Life cycle, Arthropoda
Rietschel G
1980 Zool Jahrb Jena Abt Syst 107 (2) 265-285 Wa
Oestromyia leporina, egg development and adaptation; thermotactic orientation of 1st stage larvae; 2nd stage immobile and not capable of coordinated locomotion; leaving of host by mature 3rd stage induced by light; interruption of diapause by freezing or its omission by keeping host under long-day conditions during last 2-5 days of 3rd larval stage

Life cycle, Arthropoda
Riley J
1981 Internat J Parasitol 11 (2) Apr 127-131 Wa
Porocephalus crotali, development in Crotalus atrox (exper.) from nymph to adult, length of infection, pathology in lung

Life cycle, Arthropoda
Saratsiotis A
1972 Acarologia 13 (3) May 476-495 Issued Apr 28 Wa
Aponomma flavomaculatum, A. latum, synonymy, description of adults, nymphs, and larvae, life cycle, ecology, hosts and geographic distribution

Life cycle, Arthropoda
Shepherd RCH; Edmonds JW
1980 J Hyg Cambridge 84 (1) Feb 109-113 Wa
Spilopsyllus cuniculi bred under animal house conditions, females outnumbered males due to greater preponderance of females in primary emergence, sex ratios in secondary emergence were about 1:1

Life cycle, Arthropoda
Smith DH
1977 J Med Entom 14 (2) Nov 25 137-145 Wa
Cuterebra approximata in Peromyscus maniculatus and other rodent species, incidence, univoltine life cycle, localization, bimodal seasonal occurrence, effect of egg age, photoperiod, temperature, and ecdysone injections on development, lack of immune response, disparity in adult fly sex ratios, implications of high host specificity and mortality rate for use in biological control, laboratory and field studies: Missoula, Montana

Life cycle, Arthropoda
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Life cycle, Protozoa
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Life cycle, Protozoa
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Life cycle, Protozoa
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Life cycle, Protozoa
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Life cycle, Protozoa
Letch CA
1980 Parasitology 80 (1) Feb 163-169 Wa
Trypanosoma cobitis, morphology and development during life cycle in Hemiclepsis marginata and Nemacheilus barbatulus (both nat. and exper.): River Lee

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Life cycle, Protozoa
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Life cycle, Protozoa
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Isospora suis, endogenous development in piglets (exper.)

Life cycle, Protozoa
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Life cycle, Protozoa
Lord JC; Hall DW; Ellis EA
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Life cycle, Protozoa
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Life cycle, Protozoa
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mice dosed with free isosporan sporocysts derived from naturally infected cat faeces showed sarcocysts in skeletal muscle morphologically similar to Sarcocystis muris, kittens fed these mice shed similar sporocysts, subsequent feeding of these sporocysts to mice and rats resulted in identical sarcocysts in mice but not rats, attempts to induce similar infections in mice using cat-derived Isospora felis oocysts were unsuccessful, concluded that Sarcocystis species are highly host-specific for intermediate hosts

Life cycle, Protozoa
McKenna PB; Charleston WAG
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Besnoitia sp. in Rattus norvegicus dosed with isosporan oocysts derived from feral cat faeces, kittens fed these rats shed similar oocysts, successful transmission of these sporulated oocysts to mice, rats, rabbits, but not to guinea pigs

Life cycle, Protozoa
Margolin JH; Jolley WR
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Sarcocystis sp., presence of sporocysts in feces of dogs after being fed infected tissue of Cervus canadensis, prepatent and patent periods, dogs fed sporocysts failed to pass sporocysts in feces, study establishes domestic dog as definitive host for species found in wapiti

Life cycle, Protozoa
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Life cycle, Protozoa
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Life cycle, Protozoa
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1980 Ztschr Parasitenk 61 (2) 173-178 Wa
oocysts detected in feces of cat fed locally caught Rattus norvegicus were morphologically similar to Besnoitia wallacei, development of Besnoitia cysts in experimentally infected mice and rats, mouse to cat to mouse transmission, attempted transmission between intermediate hosts and between cats

Life cycle, Protozoa
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1981 Ann Parasitol 56 (2) 123-130 Wa
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Life cycle, Protozoa
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Life cycle, Protozoa
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Life cycle, Protozoa
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1981 J Protozool 28 (2) May 248-255 Wa
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Life cycle, Protozoa
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Life cycle, Protozoa
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Life cycle, Protozoa
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Life cycle, Protozoa
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Life cycle, Protozoa
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Life cycle, Trematoda
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Light
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Localization
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Localization
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Localization
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Localization
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Localization
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Localization
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Localization
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Localization
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Localization
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Localization
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1981 J Fish Dis 4 (3) May 231-242 Wa
Myxidium giardi, prevalence in wild and cultured Anguilla anguilla, description and distribution of trophozoites, first description of coelozoic trophozoite, apparent (host) age related pattern in organ location of histozoic trophozoite: England

Localization
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1981 Internat J Parasitol 11 (6) Dec 457-461 Wa
Moniliformis dubius-infected male and female rats fed on diets containing growth-limiting amounts of fructose, food intake, weight gain, and blood sugar; numbers, sex ratio, dry weight, and location of parasites in small intestine of hosts; results can be interpreted to suggest competition for dietary fructose between parasite and host

Localization
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Dirofilaria immitis from Canis latrans, C. rufus gregoryi, and C. latrans x C. rufus gregoryi hybrids, prevalence and intensity, host age and sex, parasite sex ratio and localization, pathological responses, wild canids from this area are regarded as natural definitive hosts and primary reservoirs for heartworms, appears that this infection is important factor in morbidity and mortality of these hosts: Gulf coastal prairies of Texas and Louisiana, U.S.A.

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1981 Internat J Zoonoses 8 (1) June 33-43 Wm
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Localization
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Localization
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Localization
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Localization
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Localization
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1981 J Am Vet Med Ass 178 (7) Apr 1 671-674 Wa
Toxoplasma gondii, dairy goats, abortion, transplacental toxoplasmosis in kids, relationship to dose and duration of infection in dams, distribution of organisms in tissues of fetuses or kids in relation to duration of infection of dams

Localization
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Toxoplasma gondii, goats (exper.), abortion, clinical signs, and distribution in host tissues

Localization
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Toxoplasma gondii, sheep fed oocysts, parasitemia, parasite distribution in tissues; no marked differences in infectivity or day of death of mice inoculated with tachyzoites in saline, fresh blood, or heated blood

Localization
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1980 Tropenmed u Parasitol 31 (1) Mar 41-54 Wa
Onchocerca volvulus, 3 strains in Pan troglodytes (exper.), prepatent periods and microfilarial productivity, duration of infections, microfilarial distribution in body in relation to site of inoculation of infective larvae, location and numbers of adult worm bundles, absence of ocular lesions

Localization
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1980 Exper Parasitol 49 (2) Apr 167-174 Wa
Leishmania donovani, action of excreted factor on hydrolytic enzyme activity of macrophages from mice with genetically different resistance to infection, implications for mechanism whereby leishmanial amastigotes survive in mononuclear phagocytes in presence of lysosomal enzymes

Localization
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Trypanosoma vivax, goats, movement of parasites and host lymphocytes in efferent lymph from regional lymph node in relation to development of local skin reaction and parasitaemia following challenge with infected Glossina morsitans morsitans

Localization
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Mansonella ozzardi, microfilariae found in human skin biopsies, could lead to confusion with early onchocercal or streptocercal dermatitis

Localization
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1979 Dermat Monatschr 165 (12) Dec 858-861 Wm
Neotrombicula spp., human infestations, localizations on body, seasonal distribution

Localization
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Sarcocystis, substantiation of previous reports of merozoites in host blood, transmission via blood transfusion from one intermediate host to others of the same species

Localization
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1981 Parasitology 82 (1) Feb 49-53 Wa
Echinostoma revolutum, localization, length, and reproduction in single- and multiple-worm infections in chicks

Localization
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Hepatozoon sp., mustelids, localization, pathomorphology: Bayern

Localization
Gray AR; Luckins AG
1980 J Comp Path 90 (4) Oct 499-512 Wa
Trypanosoma congolense, cyclical transmission to rabbits, calves, and sheep by infected Glossina morsitans, local skin reactions, trypanosome distribution in host, and pathological changes during initial stage of infection

Localization
Gregory MW
1981 Parasitology 82 (1) Feb 149-157 Wa
mites of Erinaceus albiventris, prevalence, density, distribution on body, symptoms, gross lesions, histology; Notoedres oudemansi, description of male mite, male hosts particularly affected: Nairobi area of Kenya

Localization
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1980 J Parasitol 66 (2) Apr 371-372 Wa
Glaridacris laruei in Catostomus commersoni, evidence for alternative site selection as result of interspecific competition by Pomphorhynchus bulbocolli, effect of other caryophyllidean species on site selection not readily apparent: New York

Localization
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1981 Japan J Vet Sc 43 (3) June 337-343 Wa
Toxoplasma, cats inoculated orally with cysts, distribution of parasites in tissues and organs in relation to course of infection

Localization
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1980 Research Vet Sc 29 (2) Sept 181-185 Wa
Lucilia cuprina, merino sheep, method described for showing differences in moisture content of wool according to anatomical site, age, sex, strain of merino, and lesions of active flystrike, incidence of natural flystrike recorded and related to higher levels of moisture content

Localization
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Corynosoma strumosum, C. semerme, prevalence and location in Pusa hispida botnica, sex ratio, growth, and development of parasite

Localization
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1981 Parasitology 82 (2) Apr 287-296 Wa
Corynosoma strumosum and C. semerme in Pusa hispida, comparison between spring and autumn infection, intensity of infection, parasite sex ratio and body length, distribution of worms in intestines: Bothnian Bay of Baltic Sea

Localization
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Localization
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1980 System Zool 29 (2) June 203-213 Wa
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Localization
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Schistosoma mansoni, migration route of adult worms in Rattus rattus from mesenteric veins to lungs

Localization
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1980 Tr Roy Soc Trop Med and Hyg 74 (1) 140-141 Wa
Entamoeba histolytica, rats, occurrence of hepatic infection after intracaecal inoculation with virulent parasite strain

Localization
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1980 Vet Parasitol 7 (2) Sept 103-107 Wa
hydatid disease, goats, incidence in hosts of different ages and in different organs, severity of infection in liver and lungs, comparative rate of different types of cysts (fertile, sterile, calcified, suppurative, undeveloped): Bangladesh

Localization
Issoufa H; Monekosso G; Ripert C
1979 Bull Soc Path Exot 72 (2) Mar-Apr 135-144 Wa
dracontiasis, humans, epidemiology, incidence by age and sex, seasonal distribution, body localizations, worm burden: endemic area of Nord-Cameroun

Localization
Itamies J; Valtonen ET; Fagerholm HP
1980 Ann Zool Fennici 17 (4) 285-289 Wa
Polymorphus minutus in Somateria mollissima (intestine), possible cause of death, localization, life cycle, age of infestation, parasite sex ratios: southern Finland

Localization
Jacobson HA; Hetrick MS; Guynn DC
1981 J Wildlife Dis 17 (1) Jan 79-87 Wa
Cuterebra emasculator myiasis in Sciurus spp., seasonal prevalence, sex and age of host, larval development sites, host habitats, parasite fecundity under laboratory conditions: Mississippi

Localization
Jacobson HA; McGinnes BS; Catts EP
1978 J Wildlife Dis 14 (1) Jan 56-66 Wa
Cuterebra myiasis, cottontail rabbits, seasonal occurrence, host age and sex prevalence, larval development sites; laboratory and field observations on life history and biology of C. buccata, sex ratio for reared flies: Virginia

Localization
Janusz J
1979 Acta Ichthyol et Piscat 9 (2) 37-54 Wa
Clavella adunca on Gadus morhua, incidence, intensity, distribution, site of attachment, body measurements, host age and sex: North Atlantic waters

Localization
Johnston BR; Halton DW
1981 J Fish Biol 18 (6) June 685-691 Wa
Bucephaloides gracilescens metacercariae in 3 species of gadoid fish, incidence and intensity, localization in body: Irish Sea off Co. Cown, Northern Ireland

Localization
Kaddu JB; Mutinga MJ
1980 Ann Trop Med and Parasitol 74 (2) Apr 255-256 Wa
Trypanosoma congolense can penetrate deep into cytoplasmic organelles of cells of anterior midgut of Glossina pallidipes

Localization
Kamiya H et al
1980 Japan J Exper Med 50 (5) Oct 375-382 Wa
Schistosoma japonicum, prevalence in Rattus rattus mindanensis by month, host age, and host sex, distribution of eggs in various organs, COP reaction of sera, prevalence of cercariae in Oncomelania quadrasi by month: Dagami, Leyte, Philippines

Localization
Kawabata M et al
1980 J Helminth 54 (3) Sept 183-190 Wa
onchocerciasis, distribution and density of microfilariae in skin of Guatemalan patients, implications for diagnosis

Localization
Kennedy MW
1980 Parasitology 80 (1) Feb 49-60 Wa
Trichinella spiralis, mice, primary, secondary, and tertiary infections, effects of host immune response on worm longevity, fecundity, and position in intestine

Localization
Kim KC; Haas VL; Keyes MC
1980 J Wildlife Dis 16 (1) Jan 45-51 Wa
Orthohalarachne attenuata and O. diminuata in Callorhinus ursinus (respiratory passages), infestation rate, pathology, population densities and structure, microhabitat preference, sex and age of host: St. Paul Island, Alaska

Localization
Knight SA; Janovy J jr; Current WL
1980 J Parasitol 66 (5) Oct 806-810 Wa
Myxosoma funduli, overdispersed distribution among Fundulus kansae population; monthly infection prevalence and monthly host size class distribution; distribution on individual gill bars and % infected gill bars; prevalence, host size distribution, and host sex ratio at various collection sites with different physical characteristics: Platte River system, Nebraska

Localization
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1977 Acta Trop 34 (4) Dec 293-311 Wa
Leishmania, 2 strains isolated from oriental sores of German tourists returning from Malta and Saudi Arabia, behavior in various laboratory hosts with particular reference to organotropy

Localization
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Hyalomma anatolicum, cattle, buffaloes, predilection sites on host, seasonal incidence: Hissar

Localization
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1979 Proc Helminth Soc Washington 46 (2) July 275-277 Issued Aug 14 Wa
Schistosoma mansoni in Didelphis marsupialis (exper.), comparison of 4 geographic strains (Egypt; Kenya; Puerto Rico; South Africa): worm recoveries, parasite and egg distribution in visceral organs, eggs/worm pair, total body egg counts

Localization
Kuntz RE; Huang TC; Moore JA
1980 Proc Helminth Soc Washington 47 (2) July 260-262 Issued Aug 25 Wa
Schistosoma intercalatum, Cebus apella as satisfactory experimental host, distribution of schistosomes and eggs in host

Localization
Ladouceur CA; Kazacos KR
1981 J Am Vet Med Ass 178 (3) Feb 1 301-302 Wa
Thelazia lacrymalis, horses (eyes), percent infected by age, sex, and breed, localization in eyes: Indiana

Localization
Ladouceur CA; Kazacos KR
1981 J Am Vet Med Ass 178 (4) Feb 15 385-387 Wa
Thelazia gulosa and T. skrjabini in cattle (eyes), percent infection, host age distribution, localization in eyes: Indiana

Localization
Lagraulet J
1978 Bull Soc Path Exot 71 (4-5) July-Oct 347-349 Wa
onchocerciasis, humans, possible relationships between nodules located on head and presence of microfilariae in anterior chamber of eye

Localization
Lapierre J et al
1980 Nouv Presse Med 9 (14) Mar 22 1013-1016 Wm
echinococcosis, humans, study of 146 confirmed cases, localization, immunodiagnosis

Localization
Lee RLG
1981 J Helminth 55 (2) June 149-154 Wa
Acanthocephalus lucii, ecology in Perca fluviatilis: incidence, intensity, host age, overdispersion within host population, body localization, evidence of mutual exclusion between A. lucii and Proteocephalus percae and Camallanus lacustris: Serpentine, London, U.K.

Localization
Le Riche PD et al
1974 Bull Entom Research 64 (1) Aug 53-63 Wa
Ixodoidea, domestic animals, seasonal occurrence, climatic factors, predilection sites, geographic distribution, life cycle of Ixodes gibbosus: Cyprus

Localization
Liat LB; Pike AW
1980 J Zool London 190 (1) Jan 39-51 Wa
Profilicollis botulus in Somateria mollissima and Carcinus maenas, incidence and intensity, host age and sex, seasonal fluctuation, intestinal distribution and sex ratio of adult worms in eiders, loss of worms from captive and wild eiders, food preferences of eiders in relation to acquisition of infections: north east Scotland

Localization
Lima JD
[1980] J Parasitol 65 (6) Dec 1979 976-978 Issued Apr 2 Wa
Eimeria asexual and sexual stages found in mesenteric lymph nodes of goat kids naturally infected with E. arloingi, E. christenseni, and E. crandallis: Illinois

Localization
Llewellyn J; Macdonald S; Green JE
1980 J Marine Biol Ass United Kingdom 60 (1) 73-79 Issued Feb Wa
Diclidophora esmarkii, D. luscae, fishes, diagnostic comparison of occurrence, body lengths, anatomical features, clamp sizes, and 'gill preference' of parasites on hosts, host-specificity, implications for use as biological tags of fish stocks: Plymouth

Localization
McColm AA; Hutchison WM
1980 J Helminth 54 (4) Dec 255-257 Wa
intestinal helminths in stray domestic cats, prevalence, intensity, localization in small intestine, prevalence of double infections: central Scotland

Localization
Magalhaes LA; de Alcantara FG; de Carvalho JF
1979 Rev Saude Pub S Paulo 13 (4) Dec 326-334 Wm
Schistosoma mansoni, BH and SJ strains in mice, distribution and number of granulomas in body organs compared

Localization
Marquardt WC
1981 J Protozool 28 (2) May 243-244 Wa
Coccidia, host and site specificity, brief review and perspective

Localization
Martin J; Lee DL
1980 Parasitology 81 (3) Dec 573-578 Wa
Nematodirus battus-infected lambs, scanning electron microscopy of duodenal mucosa, position of nematode within intestine, possible role of villus atrophy and of mucus in worm rejection

Localization
Martinez Gomez F et al
1980 Vet Parasitol 7 (1) June 33-38 Wa
Echinococcus granulosus, cattle, sheep, goats, swine, indirect haemagglutination and latex flocculation tests in relation to viability, fertility, and localization of hydatid cysts

Localization
Mello DA; Valin E; Teixeira ML
1979 Rev Saude Pub S Paulo 13 (4) Dec 314-325 Wm
Trypanosoma cruzi, wild strains (collected during study of reservoir hosts) in experimental hosts, parasitemia, prepatent period, pathogenicity, pathology, tissue tropism: county of Formosa, State of Goias, Brasil

Localization
Mills JN et al
1980 Tropenmed u Parasitol 31 (3) Sept 299-312 Wa
Trypanosoma congolense in neonatal and 6-month-old calves, hemocytometer vs. cytofluorograf counts of trypanosomes in jugular blood, localization and quantitation of trypanosome in microvasculature, tests of dispersing agents (including macromolecular blood volume expanders, immunosuppressive agents, and berenil) to determine their efficacy in dislodging organisms from capillary walls

Localization
Miremad-Gassmann M
1981 Ann Parasitol 56 (4) 407-421 Wa
Moniliformis moniliformis, rats, infection and re-infection, worm expulsion, worm growth, worm localization/migration in host intestine, differences between male and female worms

Localization
Monaghan H et al
1980 Arch Dis Childhood 55 (9) Sept 715-716 Wa
Giardia lamblia, infants with diarrhea, incidence by age, sex, and site of infection, responses to metronidazole

Localization
Mukherjee M; Haldar DP
1981 Arch Protistenk 124 (1-2) 29-35 Wa
Myxobolus punctatus, variations in spore morphology due to invasion in different organs of Ophicephalus punctatus, creation of new species based on these variations in same host not recommended

Localization
Muzzall PM
1980 J Parasitol 66 (1) Feb 127-133 Wa
3 acanthocephalan spp. in Catostomus commersoni, infection parameters, seasonal infection patterns, intestinal distribution, effect of host size and sex, occurrence in other hosts: SE New Hampshire

Localization
Muzzall PM
1980 J Parasitol 66 (2) Apr 293-298 Wa
Triganodistomum attenuatum in Catostomus commersoni, seasonal infection patterns, intestinal distribution, prevalence and intensity in male and female hosts and in hosts of various size classes: New Hampshire

Localization
Muzzall PM
1980 J Parasitol 66 (3) June 542-550 Wa
caryophyllaeid cestodes in Catostomus commersoni, prevalence and intensity, seasonal infection patterns, intestinal distribution, crowding effect, effect of host size: SE New Hampshire

Localization
Noisi D; Euzet L
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 81-93 Wa
Atriaster heterodus, Polylabris tubicirrus, gill microhabitat, dominant species in Diplodus sargus: etang de Thau

Localization
Noisy D; Maillard C
1980 Ann Parasitol 55 (1) Jan-Feb 33-40 Wa
Microcotyle chrysophrii, 2 different gill distributions on 2 different size classes of Sparus aurata

Localization
Norton CC; Joyner LP
1980 Parasitology 81 (2) Oct 315-323 Wa
Eimeria mivati (including isolate thought at first to be E. mitis), E. acervulina, differentiation on basis of cross-immunity studies and pathogenicity (changes in body weight and oocyst output, distribution in intestine, density of parasites, analysis of villus height and mucosal thickness)

Localization
Nosek J et al
1980 Ztschr Parasitenk 63 (3) 209-212 Wa
Argas persicus, bionomics, developmental cycle and influence of environmental temperature, seasonal distribution, localization on chickens, tick paralysis, geographic distribution: Slovakia

Localization
Novilla MN et al
1981 J Protozool 28 (2) May 248-255 Wa
Eimeria spp. in Grus canadensis and G. americana, parenteral development, post-mortem observations of disseminated granulomatous condition

Localization
Ochoa J; Pallis C
1980 J Neurol London 43 (3) Mar 281-282 Wm
Trichinella spiralis in deltoid biopsy from severe human infection, distributed equally in type I and type II muscle fibers

Localization
Ongom VL
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 417 Wa
Fasciola gigantica, human, episternal abscess: Uganda

Localization
Osman OM
1978 Sudan J Vet Sc and Animal Husb 19 (2) Nov 124-126 Wa
9 spp. of ticks, sheep, sites of attachment: Jebel Marra, Southern Darfur

Localization
Ouhelli H et al
1979 Rev Elevage et Med Vet Pays Trop 32 (4) 347-352 Wa
parasites of horses, distribution in stomach, relationship to inter-specific interactions and to pH: region de Settat (Maroc)

Localization
Overstreet RM
1981 J Protozool 28 (2) May 258-260 Wa
Eimeria species in nonepithelial sites, brief review with emphasis on life cycle of E. funduli in killifishes, evolutionary implications

Localization
Paggi L et al
1978 Parassitologia 20 (1-3) Dec 161-168 Wa
helminths, Salmo trutta, localization, incidence and intensity according to sex, age and season, statistical analysis: River Tirino (L'Aquila, Italy)

Localization
Palmieri JR; Krishnasamy M; Sullivan JT
1980 J Helminth 54 (3) Sept 207-213 Wa
Castroia kamariae sp. nov., 2 distinct but morphologically similar forms, morphological type apparently determined by location in host intestine

Localization
Panesar TS; Croll NA
1980 Internat J Parasitol 10 (4) Aug 261-273 Wa
Trichuris muris, site selection in the laboratory mouse

Localization
Panitz E; Shum KL
1981 J Parasitol 67 (2) Apr 218 Wa
Trichostrongylus axei, T. vitrinus, T. colubriformis, distribution in stomach and small intestine of Meriones unguiculatus (exper.), first report of gerbil as experimental host for T. vitrinus

Localization
Paperna I
1980 Ann Parasitol 55 (6) Nov-Dec 687-706 Wa
Caligus minimus, adults and larvae on Dicentrarchus labrax, site of attachment on host, incidence, intensity, and dispersal of infections, host size, parasite sex ratio, seasonal and/or annual fluctuations, temperature and salinity conditions: Bardawil Lagoon

Localization
Parshad VR; Crompton DWT; Nesheim MC
1980 Proc Roy Soc London s B Biol Sc (1175) 209 Aug 13 299-315 Wa
Moniliformis in rats fed on various monosaccharides and disaccharides, parasite growth, reproductive activity, and distribution in host intestine

Localization
Poltera AA
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 706-715 Wa
human African trypanosomiasis, endstage lesions in brain and heart; Trypanosoma brucei brucei in mouse model, sequential features in humoral immunology and immunopathology with emphasis on cardiac and cerebral lesions, occurrence of relapses after ethidium bromide or melarsoprol treatment, responsiveness of parasite to melarsoprol in spite of repeated relapses, shift in distribution of parasite in central nervous system after melarsoprol relapse, symposium presentation

Localization
Prokopic J; Klabanova A
1980 Ceskoslov Epidemiol Mikrobiol Imunol 29 (3) May 171-177 Wa
Toxocara canis, distribution of migrating larvae in various organs of experimentally infected white mice

Localization
Radabaugh DC
1980 J Parasitol 66 (1) Feb 183-184 Wa
Ornithodiplostomum ptychocheilus, life cycle; encystment site selection by metacercariae in brain of Pimephales promelas: Ohio

Localization
Ramirez R
1979 Bol Chileno Parasitol 34 (3-4) July-Dec 59-62 Wa
hydatid disease, humans, epidemiology, revision and analysis of cases registered from 1969-1978, age and sex distribution, localization, mortality, number of days of hospitalization: Chile

Localization
Renaud F; Romestand B; Trilles JP
1980 Ann Parasitol 55 (4) July-Aug 467-476 Wa
metazoan parasites of Boops boops, localization, prevalence in relation to host size, abundance, mixed infections: Golfe du Lion

Localization
Rivosecchi L et al
1978 Parassitologia 20 (1-3) Dec 143-152 Wa
Cephenemyia stimulator in Capreolus capreolus (faringe, cavita nasali, laringe, trachea, grossi bronchi), localization in host, ecology, symptoms: provincia di Trento, Italia

Localization
Rollwagen J; Stainken D
1980 Am Mid Nat 103 (1) Jan 185-190 Wa
Neascus cuticola on Rhinichthys atratulus (ectoparasitic), no apparent effect on host feeding behavior and food sources exploited; site preference, variation with water temperature and host length: Blind Brook, Westchester Co., N. Y.

Localization
Romig T; Lucius R; Frank W
1980 Ztschr Parasitenk 63 (3) 277-286 Wa
Dicrocoelium hospes and D. dendriticum in ant brains, morphology and distribution compared, relationship to host behavioral changes

Localization
Ruff MD; Doran DJ; Augustine PC
1980 J Protozool 27 (2) May 186-189 Issued July 17 Wa
Eimeria meleagrimitis in turkeys, life cycle, effects of inoculum size and time on severity of infection and intestinal distribution

Localization
Sanchez Franco A; Sanchez Acedo C
1971 Rev Iber Parasitol 31 (3-4) July-Dec 347-366 Wa
hydatid cysts, ovine, bovine, human, from different body locations, physical and chemical properties

Localization
Seed JR; Seed TM
1980 Acta Trop 37 (1) Mar 17-19 Wa
Trypanosoma brucei gambiense, growth in extravascular sites throughout transplanted Ehrlich's tumors in Microtus montanus, may be good model for further studies on biology of trypanosomes in extravascular sites

Localization
Setasuban P; Dangsupa P
1981 J Med Ass Thailand 64 (2) Feb 69-71 Wm
Necator americanus, Thai strain, human infections, prevalence (mostly female worms), intensity, localization in intestine, diagnosis by direct fecal smear and flotation technique, accuracy of diagnostic findings assessed by fecal egg counts: Thailand

Localization
Seureau C
1981 Ann Parasitol 56 (2) 179-181 Wa
Maupasina weissi, encapsulation in adipose tissue of Locusta migratoria, elicitation of hemocytic reaction, shows defective adaptation of parasite to intermediate host

Localization
Sharma RL; Dhar DN
1979 J Nuclear Agric and Biol 8 (4) Dec 146-149 Wa
Oesophagostomum columbianum, normal and gamma irradiated third stage larvae, infections of lambs, disease intensity related to infective dose size, adults found in mesentery as well as intestine, partial protection given by irradiated larvae

Localization
Silver BB; Dick TA; Welch HE
1980 J Parasitol 66 (5) Oct 786-791 Wa
Hymenolepis diminuta, Trichinella spiralis, intestinal distribution in rats in single and concurrent infections

Localization
Skorping A
1980 J Fish Biol 16 (5) May 483-492 Wa
Camallanus lacustris in Perca fluviatilis, pattern and structure of infection, seasonal incidence and intensity, site preference (gut) in host, host diet, sex, and size factors: Lake Lille Aklungen, vicinity of Oslo, Norway

Localization
Smalley ME; Abdalla S; Brown J
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 103-105 Wm
Plasmodium falciparum, distribution of asexual and (immature and mature) sexual parasites in peripheral blood and bone marrow of pyrimethamine-treated and untreated Gambian children

Localization
Smith DH
1977 J Med Entom 14 (2) Nov 25 137-145 Wa
Cuterebra approximata in Peromyscus maniculatus and other rodent species, incidence, univoltine life cycle, localization, bimodal seasonal occurrence, effect of egg age, photoperiod, temperature, and ecdysone injections on development, lack of immune response, disparity in adult fly sex ratios, implications of high host specificity and mortality rate for use in biological control, laboratory and field studies: Missoula, Montana

Localization
Solangi MA; Overstreet RM
1980 J Parasitol 66 (3) June 513-526 Wa
Eimeria funduli in killifishes, prevalence, specificity, and known distribution, sites of infection, experimental infections, route of infection (through grass shrimp), endogenous development, susceptibility and variability in development (host age, temperature, infective dose, premunition), gross pathology and pathogenesis, control with monensin or by feeding TetraMin fish food

Localization
Speer CA; Pond DB; Ernst JV
1980 Proc Helminth Soc Washington 47 (1) Jan 106-113 Issued Feb 15 Wa
Sarcocystis hemionilatrantis in Canis latrans (feces, small intestine) (exper.), prepatent and patent periods and endogenous development, localization in small intestine, cellular response to initial infection and to reinfection, bright-field and electron microscopy

Localization
Stewart GL; Charniga LM
1980 J Parasitol 66 (4) Aug 688-689 Wa
Trichinella spiralis, distribution of larvae in muscles of mouse

Localization
Stringfellow F
1981 J Parasitol 67 (1) Feb 124-126 Wa
Ostertagia ostertagi, repellent effect of gastric contents from uninfected calves for sheathed and exsheathed larvae, may explain how larvae localize only in abomasum

Localization
Sucharit S; Rongsriyam Y
1980 J Med Ass Thailand 63 (9) Sept 535-536 Wm
Rhipicephalus sanguineus, dogs, localization on various parts of body

Localization
Sukhdeo MVK; Croll NA
1981 Internat J Parasitol 11 (2) Apr 157-162 Wa
Nematospiroides dubius, effects of bile on site selection behavior of larvae

Localization
Sukhdeo MVK; Croll NA
1981 Internat J Parasitol 11 (2) Apr 163-168 Wa
Trichinella spiralis, factors affecting longitudinal distribution of worms in small intestine of mice

Localization
Tanner M et al
1980 Parasitology 80 (2) Apr 383-391 Wa
Trypanosoma brucei isolated from lymph nodes vs. blood of rats, morphologic and antigenic differences

Localization
Tarazona JM; Garcia Marco V
1971 Rev Iber Parasitol 31 (3-4) July-Dec 299-313 Wa
Echinococcus granulosus, sheep, incidence, significant correlation between parasitism and animals' age, localization of cysts: slaughter-house, Barbastro, Provincia de Huesca

Localization
Taylor SM; Kilpatrick D
1980 J Helminth 54 (1) Mar 1-6 Wa
Trichostrongylus vitrinus, sheep (exper.), influence of host age and nematode population size on distribution in intestine

Localization
Thuet P; Romestand B
1981 Arch Internat Physiol et Biochim 89 (1) Feb 15-33 Wa
Meinertia oestroides, Anilocra physodes, osmotic and ionic regulation, water transfer as function of salinity of medium, relationship to localization on host body, hypothesis concerning mechanism of feeding; some results also for Emetha audouini

Localization
Thurston DR; Strout RG
1978 J Wildlife Dis 14 (1) Jan 89-96 Wa
Parelaphostrongylus tenuis in Odocoileus virginianus (cranial cavity), prevalence and intensity of infection by host age, sex, and habitat, localization: New Hampshire

Localization
Trpis M
1981 Tropenmed u Parasitol 32 (3) Sept 184-188 Wa
Brugia malayi and B. pahangi in autogenous group of Aedes scutellaris complex, level of infection and survival of infected females fed on hosts with different levels of microfilariae in peripheral blood, frequency distribution of infective larvae, distribution of infective larvae in various parts of mosquito body, discussion of absence of Brugian filariasis in Polynesian region of South Pacific, possibility of using these mosquito species as intermediate hosts for laboratory models of Brugian filariasis

Localization
Ubelaker JE; Caruso J; Pena A
1981 J Parasitol 67 (2) Apr 219-221 Wa
Angiostrongylus costaricensis, normal infections in cecal vasculature of Sigmodon hispidus established by larvae given orally, intraperitoneally, subcutaneously, and on abraded (but not unabraded) skin; abnormal localization of adult worms in pulmonary arteries of one animal

Localization
Valadares TE et al
1981 Rev Inst Med Trop S Paulo 23 (1) Jan-Feb 1-5 Wm
Schistosoma mansoni, mice, localization and migrating behavior of oviposition of 3 parasite strains compared

Localization
Valadares TE et al
1981 Rev Inst Med Trop S Paulo 23 (1) Jan-Feb 6-11 Wm
Schistosoma mansoni, localization of female egg laying in intestine of mice

Localization
Vande Vusse FJ
[1980] J Parasitol 65 (6) Dec 1979 894-897 Issued Apr 2 Wa
Dendritobilharzia pulverulenta in anatids, localization of adult worms within arteries and their eggs within tissues as basis for dividing hosts into normal and abnormal hosts

Localization
Vanoverschelde R; Vaes F
1980 Parasitology 81 (3) Dec 609-617 Wa
Himasthla militaris, emergence patterns of cercariae from Hydrobia stagnorum, effect of light/dark factor; penetration, migration, and localization of larvae in Nereis diversicolor

Localization
Walther M; Koske JK
1980 Vet Rec 106 (18-20) May 3 10 17 401-402 Wa
Taenia saginata, calves originating from endemic area, distribution of cysticerci within carcass, efficacy of meat inspection for diagnosing infection: Samburu district of Kenya, East Africa

Localization
Wenk P; Loubier C
1980 Ztschr Parasitenk 62 (2) 197-198 Wa
Onchocerca tarsicola, Capra hircus originating from Western Africa (skin on back, thighs, belly, breast; lung, lymph-node), distribution in different skin regions, potential laboratory model for onchocerciasis studies: South-West Germany

Localization
White TR et al
1981 J Helminth 55 (3) Sept 167-171 Wa
Mesocestoides corti, mice, invasion of thorax and lungs by tetrathyridia, occurrence of small bodies in peritoneal cavity, phenomena not influenced by host strain or sex or route of administration of tetrathyridial inocula

Localization
Winkhardt HJ; Wenk P
1980 Ztschr Parasitenk 62 (2) 195-196 Wa
Dipetalonema rugosicauda from Capreolus capreolus, subcutaneous transplantation into Mastomys natalensis, distribution and survival time of microfilariae within host

Localization
Young MD; Greiner EC; Forrester DJ
[1980] J Parasitol 65 (6) Dec 1979 978-979 Issued Apr 2 Wa
Leucocytozoon smithi, Haemoproteus meleagridis, and Plasmodium hermani in domestic turkey poults reared in isolation and exposed to insect vectors in tree cage in cypress swamp in Florida; some host cells contained 2 parasites, one of which was L. smithi and the other was Plasmodium sp., probably P. hermani

Locomotion and motility
Al Karmi TO; Faubert GM
1981 J Parasitol 67 (5) Oct 685-691 Wa
Trichinella spiralis, T. pseudospiralis, intramuscular larvae, morphology and mobility studied by scanning electron microscopy, closed circuit television, and video tape recording, absence of capsule around or host cellular reaction to T. pseudospiralis

Locomotion and motility
Atkinson HJ; Onwuliri COE
1981 Exper Parasitol 52 (2) Oct 191-198 Wa
Nippostrongylus brasiliensis, Haemonchus contortus, improved technique for measuring water content of nematodes using electronic interferometer, application to study of function of excretory ampulla of 3rd stage larvae, results suggest that ampulla is adaptation to hypotonic conditions favoring volume homeostasis that is required for optimal locomotor activity

Locomotion and motility
Bartoli P
1981 Ann Parasitol 56 (3) 261-270 Wa
Gymnophallus nereicola, biological and ecological factors favoring parasite recruitment by Nereis diversicolor (parasite endemiotope, cercarial emergence, cercarial behavior (swimming, phototropism, rheotropism), cercarial access to and penetration of host, localization of metacercariae in host)

Locomotion and motility
Bundy DAP
1981 Parasitology 82 (2) Apr 319-334 Wa
Transversotrema patialense, swimming behavior of cercaria, high-speed micro-cinematography, quantitative analysis of configurational changes

Locomotion and motility
Burman M; Pye AE
1980 Exper Parasitol 49 (2) Apr 258-265 Wa
Neoaplectana carpocapsae, movements of infective juveniles on thermal gradient, implications for dispersion and infection of insect larvae in field

Locomotion and motility
Cabaret J
1980 Ann Parasitol 55 (5) Sept-Oct 571-581 Wa
protostrongylid 1st stage larvae, relationship between motility and infectivity, effect of various factors (parasite age, density, temperature, light, ions, desiccation), epidemiological implications

Locomotion and motility
El Said A; Swiderski Z
1980 Cell and Tissue Research 208 (1) May 35-45 Wa
Amblyomma hebraeum, structure of spermatozoa, regional specialization of sperm membrane in relation to sperm motility

Locomotion and motility
Fetterer RH; Pax RA; Bennett JL
1981 Parasitology 82 (1) Feb 97-109 Wa
Schistosoma mansoni adult males, evidence of significant role for active Na^+-K^+ transport in muscle contraction and in maintenance of tegumental membrane potential, data suggest that Na^+-K^+ transport may be electrogenic

Locomotion and motility
George JE; Cook B
1979 J Med Entom 16 (4) Nov 7 275-285 Wa
Argas cooleyi and Ornithodoros concanensis nymphs (hydrated, dehydrated, or engorged) in temperature gradient apparatus, exokinetic responses to various environmental temperatures, minimal and maximal lethal temperatures, activity index

Locomotion and motility
Gillin FD; Diamond LS
1980 J Protozool 27 (2) May 220-225 Issued July 17 Wa
Entamoeba histolytica, attachment and short-term maintenance of motility and viability of trophozoites in defined non-growth medium

Locomotion and motility
Gillin FD; Diamond LS
[1981] J Protozool 27 (4) Nov 1980 474-478 Issued Mar 11 Wa
Entamoeba histolytica in defined maintenance medium, attachment to glass, motility, and survival, specific requirement for cysteine and ascorbic acid

Locomotion and motility
Guidry EV; Dronen NO jr
1980 J Parasitol 66 (4) Aug 686-688 Wa
Kiricephalus coarctatus, hatching, larval migration, development, and locomotion

Locomotion and motility
Harry OG
1980 J Invert Path 36 (3) Nov 283-291 Wa
Licnophora auerbachii on Chlamys opercularis (eyes), pathology, attachment and locomotory activities of basal disc, scanning electron microscopy, phase contrast microscopy

Locomotion and motility
Hausmann K; Hausmann E
1981 J Ultrastructure Research 74 (2) Feb 131-143 Wa
Trichodina pediculus, general structure, locomotor fringe, oral apparatus, light and transmission electron microscopy

Locomotion and motility
Hildebrand HF
1980 Ztschr Parasitenk 64 (1) 29-46 Wa
Didymophyes gigantea, epicyte, fine structure, contractile structures defined by glycerol-extraction, concluded that parasite motility dependent upon 4 different systems

Locomotion and motility
Injeyan HS; Huebner E
1981 Protoplasma 107 (3-4) 209-220 Wa
Entamoeba sp., 2 shape-distinctive variants (Laredo isolate and a colchicine-resistant variant derived from it), clear differences in both pattern and rate of locomotion

Locomotion and motility
Jørgensen RJ
1980 Exper Parasitol 49 (1) Feb 106-115 Wa
Dictyocaulus viviparus, migration in agar of larvae subjected to variety of physicochemical exposures

Locomotion and motility
King CA
1981 Cell Biol Internat Rep 5 (3) Mar 297-305 Wa
Gregarina, cell surface interaction with concanavalin A beads, implications for models of gregarine gliding

Locomotion and motility
Mackenzie C
1980 Cell Biol Internat Rep 4 (8) Aug 769 Wa
Gregarina garnhami, gliding movement, no detectable actin in pellicle region

Locomotion and motility
Marchese-Ragona S; Holwill MEJ
1980 Nature London (5785) 287 Oct 30 867-869 Wa
Crithidia oncopelti, treatment of flagella with 9 + 2 microtubular structure to produce motile axonemes with only one central microtubule

Locomotion and motility
Martinucci G; Crespi P
1979 Boll Zool 46 (1-2) 23-39 Wa
Apolocystis sp. trophozoite in Octolasium transpadanum, light and transmission electron microscopy, life cycle, locomotion, endocytosis; role of ultrastructure in monocystid diagnosis

Locomotion and motility
Mettrick DF; Cho CH
1981 J Parasitol 67 (3) June 386-390 Wa
Hymenolepis diminuta-infected rats, electrical stimulation of left efferent vagal nerve, effect on worm migration, results support hypothesis that worm migration is mediated via vagal stimulation of gastrointestinal function and is unrelated to actual host feeeding

Locomotion and motility
Nelson GA; Ward S
1981 Exper Cell Research 131 (1) Jan 149-160 Wa
Ascaris lumbricoides, amoeboid motility and actin in spermatozoa

Locomotion and motility
Owen RL
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 429-433 Wa
Giardia lamblia, G. muris, ultrastructural basis of function

Locomotion and motility
Plorin GG; Gilbertson DE
1981 J Parasitol 67 (1) Feb 45-49 Wa
Schistosoma mansoni, descriptive statistics of swimming behavior of miracidia in artificial pond water

Locomotion and motility
Plorin GG; Gilbertson DE
1981 J Parasitol 67 (5) Oct 727-728 Wa
Schistosoma mansoni, behavior of miracidia upon contacting solid surfaces

Locomotion and motility
Schupp E et al
1980 Ztschr Parasitenk 62 (3) 213-230 Wa
Trypanosoma brucei, ultrastructural changes during deep-freeze storage related to impairments in motility and infectivity

Locomotion and motility
Shishov BA; Terenina NB
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 115-121 Wa
nematodes, egg-laying in vitro, relationship to movement, effect of removal of anal or cephalic ganglia, effect of certain pharmacological substances on muscular contractions of genital tract

Locomotion and motility
Stirewalt M; Lewis FA
1981 Internat J Parasitol 11 (4) Aug 301-308 Wa
Schistosoma mansoni, effect of rotifer infestation of host snails on cercarial output, motility, and infectivity, significance to laboratory maintenance of S. mansoni, may be factor which reduces infective index under field conditions

Locomotion and motility
Thomas EM et al
1981 Exper Parasitol 51 (3) June 366-372 Wa
Herpetomonas samuelpessoai, lidocaine induces changes in cell shape and motility, induces formation of membrane-bound cytoplasmic vacuoles, and induces differentiation of promastigote into opisthomastigote via paramastigote

Locomotion and motility
Wharton DA
1981 Internat J Parasitol 11 (5) Oct 353-357 Wa
Trichostrongylus colubriformis infective larvae, initiation of coiling behavior prior to desiccation

Longevity [See also Age; Survival and viability]

Longevity
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Onchocerca volvulus, life span and distribution of microfilariae in mice, possible model host

Longevity
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Probopyrus pandalicola on Palaemonetes paludosus, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida

Longevity
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Longevity
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1980 J Helminth 54 (2) June 135-146 Wa
Pelodera strongyloides, development in culture, description of adults and developmental stages, effect of temperature on development, longevity of adults, exsheathment and development of dauerlarvae, storage of dauerlarvae, effect of freezing and desiccation on survival of dauerlarvae

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Longevity
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Schistosoma mansoni, human, fluke life-span in hosts of different ages, statistical analysis: St. Lucia, West Indies

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Longevity
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Longevity
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Porocephalus crotali, development in Crotalus atrox (exper.) from nymph to adult, length of infection, pathology in lung

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1979 J Med Entom 16 (2) Sept 28 116-120 Wa
Argas arboreus, effects of different doses of gamma radiation on fertility and longevity of males and females, implications for sterile release programs

Longevity
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Ctenocephalides felis, cats (exper.), influence of temperature and humidity on survival, development, and adult longevity

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Ctenophthalmus wladimiri, duration of survival under laboratory conditions of various temperatures and humidities

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Boophilus annulatus, B. microplus confined on cattle, longevity and fertilization capacity of male ticks, and parthenogenesis of females

Lungs [See also Pneumonia; Respiratory system]

Lungs
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Lungs
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1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 38-42 Wa
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Lungs
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Lungs
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Lungs
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Pneumocystis carinii pneumonia, exper. infection in rats, pathogenesis of increased permeability of the alveolar-capillary membrane is discussed in relation to the parasite's attachment to the alveolar epithelium (results in subsequent degeneration of Type I pneumocytes)

Lymph See Lymphatic system

Lymphatic system [See also Cardiovascular system; Elephantiasis]

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Lymphatic system
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Lymphatic system
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Lymphatic system
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Lymphatic system
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Lymphatic system
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1981 Cellular Immunol 59 (2) Apr 233-245 Wa
Schistosoma mansoni, mice, cellular responses against cercarial immunogens in regional draining lymph nodes and spleen: kinetics and characterization of T- and B-rosette forming cells, kinetics and characterization of maturational stages of B lymphocyte populations (capacity to form rosette forming cells, rosette-antibody forming cells, plaque forming cells, immunoglobulin classes)

Lymphatic system
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1981 Am J Trop Med and Hyg 30 (2) Mar 394-401 Wa
Schistosoma mansoni, mice, cellular responses of lymphoid organs that drain pulmonary and hepatic phases of primary infection and also cellular responses of spleen: kinetics and characterization of T and B rosette forming cells, kinetics and characterization of B cell subpopulations (capacity to form rosette forming cells, rosette-antibody forming cells, and plaque forming cells; nature of surface and/or secreted immunoglobulins), these local immune responses seem to occupy significant role in mediation of protective immunity and host morbidity

Lymphatic system
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Schistosoma mansoni, mice, cellular responses against egg immunogens in regional draining lymph nodes and spleen: kinetics and characterization of T- and B-rosette forming cells, kinetics and characterization of B-cell subpopulations (capacity to form rosette forming cells, rosette-antibody forming cells, plaque forming cells, immunoglobulin classes)

Lymphatic system
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1980 Vet Rec 107 (24) Dec 13 551-557 Wa
Trypanosoma vivax, goats, cattle (both exper.), sequential structural changes in lymphoid system and tissue damage in other organs; goats more susceptible than cattle as indicated by higher parasitemias, more severe anemia, and death

Lymphatic system
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Lymphatic system
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1981 Histopathology 5 (2) Mar 205-216 Wm
Toxoplasma, humans, histological diagnosis and differential diagnosis between lymph node toxoplasmosis and other benign lymph node hyperplasias

Lymphatic system
Shatry AM et al
1981 Research Vet Sc 30 (2) Mar 181-184 Wa
Theileria parva, course of infection in Bos taurus calves with normal and partially exteriorized spleens, development of parasite in spleen and lymph nodes

Lymphatic system
Vincent AL et al
1980 J Parasitol 66 (4) Aug 613-620 Wa
Brugia pahangi, chronologic development of vascular and perivascular lymphatic lesions in genital lymphatics of infected male Meriones unguiculatus

Lymphocyte transformation See Lymphocytes

Lymphocytes [See also Immunity; Leukocytes; Lymphokines]

Lymphocytes
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1981 Tr Roy Soc Trop Med and Hyg 75 (2) 207-214 Wa
Schistosoma haematobium, children, lymphocyte blast transformation responses, effect of niridazole therapy, evidence of disturbed cell-mediated immunity

Lymphocytes
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1978 J Egypt Med Ass 61 (3-4) 263-283 Wm
Schistosoma mansoni-infected mice superinfected with one or more Coxsackie type virus, changes in induced pathology and in mouse spleen lymphocyte responses (measured by lymphocyte migration inhibition test)

Lymphocytes
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1981 Internat J Parasitol 11 (4) Aug 309-317 Wa
Haemonchus contortus, sheep during primary infection and during recovery from infection which followed anthelmintic treatment, changes in blood leukocytes, bone marrow, and lymphoid organs, in vitro reactivity of blood lymphocytes to parasite antigen, haemagglutinating antibody response to rat erythrocytes, immunological basis for selective unresponsiveness to parasite antigen has yet to be clarified

Lymphocytes
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Trichostrongylus colubriformis, guinea pigs, adoptive transfer of protective immunity, results suggest that both recirculating lymphocytes and sessile elements in lymph nodes are concerned with immunological memory for the parasite

Lymphocytes
Ahmed JS et al
1981 Tropenmed u Parasitol 32 (1) Mar 55-57 Wa
Trypanosoma b. brucei, T. congolense, influence of infection on formation of E, EA, and EAC rosettes with peripheral blood lymphocytes from calves

Lymphocytes
Allan D et al
1981 Parasite Immunol 3 (2) Summer 137-142 Wa
Echinococcus granulosus equinus, BALB/c mice infected either by protoscolices or cyst-passage exhibit non-specific suppression that is capable of causing marked and significant suppression to sheep erythrocytes when their mesenteric lymph node cells are adoptively transferred but there is a significant decrease in numbers of Thy-1 cells in these MLNC transplants, possible function of Ly-2,3$^+$ cells not only as suppressor but as alloreactive cytotoxic cells discussed as possible autoimmune explanation for longevity of parasite within mouse model

Lymphocytes
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1979 J Clin and Lab Immunol 2 (4) Nov 293-297 Wm
Toxoplasma gondii, human, longitudinal studies of lymphocyte response to Toxoplasma antigen, immunodepression seen in some subjects

Lymphocytes
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1981 Infect and Immun 33 (3) Sept 758-762 Wa
Plasmodium falciparum in continuous cultures, parasite-derived mitogenic activity for human T cells

Lymphocytes
Bany J et al
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 105-110 Wa
Trichinella spiralis, T. pseudospiralis, mice, lymphocytotoxicity of sera in course of infection

Lymphocytes
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1980 J Parasitol 66 (5) Oct 730-734 Wa
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Trypanosoma cruzi-infected mice, marked increase in Ia-bearing macrophages, part of influx is mediated by immune T cells

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1980 J Immunol 124 (5) May 2516-2518 Wm
Schistosoma mansoni, specificity of alloreactive T lymphocytes that adhere to lung stage schistosomula

Lymphocytes
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1980 Clin and Exper Immunol 41 (3) Sept 423-429 Wa
Plasmodium falciparum, specific antibody-dependent cellular cytotoxicity, in vitro microassay; evidence of parasite growth-promoting factor produced by lymphocytes

Lymphocytes
Camus D et al
1981 Immunopharmacology 3 (3) Sept 193-204 Wa
Schistosoma mansoni-infected or uninfected rats or mice, in vivo modulation of specific and nonspecific cell-mediated immune responses by dialyzable schistosome incubation product (inhibitory factor of lymphocyte proliferation elicited in vitro)

Lymphocytes
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IgE, interaction with mast cells, basophils, eosinophils, macrophages, and lymphoid cells, regulatory function, review

Lymphocytes
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Anaplasma marginale, cattle, use of peripheral blood leukocytes in study of cell-mediated immunity, review: leukocyte migration inhibition test; blastogenesis test; cytotoxicity test

Lymphocytes
Chandanani RE et al
1981 Indian J Med Research 73 Suppl Jan 45-49 Wa
Plasmodium knowlesi-infected rhesus monkeys, (acute, protracted and reinfection stages), changes in peripheral lymphocyte counts and their transformation

Lymphocytes
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P[lasmodium] falciparum, patients with primary infections, transitory appearance of hyperbasophilic mononucleated cells (atypical lymphocytes) suggests cell-mediated immunity, more specifically K cell-related cytotoxicity

Lymphocytes
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1981 J Immunol 127 (1) July 166-173 Wm
Nippostrongylus brasiliensis, induction of FcR_{ε}^{+} lymphocytes in high IgE responder mice by infection

Lymphocytes
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Schistosoma mansoni, mice, regulation of granulomatous inflammation, in vitro characterization of T lymphocyte subsets involved in production and suppression of migration inhibition factor

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Schistosoma mansoni-infected mice, participation of Ly 1^{+} and Ly 2^{+} T lymphocytes in suppression of granuloma formation and lymphokine production

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1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 313-318 Wa
Schistosoma japonicum, Indonesian vs. Formosan strains in mice, lymphocyte response to concanavalin A, soluble egg antigen and adult worm antigen

Lymphocytes
Chung PR et al
1980 J Parasitol 66 (5) Oct 847-849 Wa
Plasmodium berghei-infected mice, autocytotoxins against thymocytes

Lymphocytes
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1980 Infect and Immun 28 (3) June 824-831 Wm
Trypanosoma b. brucei, mice, cellular proliferation and functional depletion in blood, peritoneum, and spleen related to changes in bone marrow stem cells

Lymphocytes
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1981 J Immunol 126 (4) Apr 1465-1468 Wm
Schistosoma mansoni, mice, T lymphocytes that contribute to immunoregulation of granuloma formation in chronic infection

Lymphocytes
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1981 Tropenmed u Parasitol 32 (2) June 82-86 Wa
Trypanosoma cruzi, human, chronic Chagas' disease patients, serum levels of IgM, IgG, IgA, complement, number of circulating T and B lymphocytes, no evidence of immune complexes, unimpaired delayed type hypersensitivity reactions to various antigens, humoral suppression to typhoid vaccine

Lymphocytes
Cunningham DS et al
1981 Exper Parasitol 51 (2) Apr 257-268 Wa
Trypanosoma cruzi in relatively resistant vs. highly susceptible strain of mice, antibody response to previously unencountered antigens, autoantibody activity, proposed that T. cruzi-associated antigens differentially affect B-cell-responsive and -responding clones, unlikely that nonspecific induction of immunoglobulin synthesis is purely responsible for immunosuppressed condition of both susceptible and resistant mice, immunopotentiating effect of T. cruzi demonstrated in 2 ways, possible significance of polyclonal activation in experimental Chagas' disease

Lymphocytes
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Trypanosoma cruzi, suppression of mitogen-induced lymphoblast transformation by parasite-induced suppressor substance

Lymphocytes
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Trypanosoma cruzi-infected mice vs. mice administered T. cruzi-induced suppressor substance, differences in regulation of humoral responses, interactions between T cells and B cells

Lymphocytes
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1980 J Parasitol 66 (3) June 390-398 Wa
Trypanosoma cruzi, mice, lymphoblast transformation as measure of immune competence during experimental Chagas' disease

Lymphocytes
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patients with filarial chyluria, lymphocytopenia

Lymphocytes
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1981 N England J Med 305 (4) July 23 228 Wa
Toxoplasma gondii-infected patient, cell-surface phenotypes of peripheral lymphocytes, infection triggers proliferation and activation of T-cytotoxic or T-suppressor cells or both

Lymphocytes
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1980 Immunology 41 (2) Oct 347-352 Wa
Entamoeba histolytica extracts, mitogenicity for murine lymphocytes, possibility that impaired cell-mediated immune response in amoebiasis patients might be related to action of amoeba on T lymphocytes

Lymphocytes
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Entamoeba histolytica, mitogenicity of parasite extracts for human peripheral T lymphocytes

Lymphocytes
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1980 J Immunol 125 (1) July 308-312 Wm
Schistosoma mansoni, humans, advanced hepatosplenic disease, suppressor splenic T lymphocytes

Lymphocytes
Ellner JJ et al
1981 J Immunol 126 (1) Jan 309-312 Wm
Schistosoma mansoni, Egyptians with heavy infections, with light infections, and with hepatosplenomegaly, responses of peripheral blood mononuclear cells, first demonstration of inverse relationship between specific immune responsiveness to adult worm antigens and intensity of infection

Lymphocytes
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Theileria parva, resistance to lethal challenge transferred between 2 pairs of chimeric bovine co-twins with syngeneic thoracic duct lymphocytes from immunized partner

Lymphocytes
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1981 Vet Parasitol 9 (1) Oct 1-16 Wa
Theileria parva, movement of normal and parasitized bovine lymphocytes in central lymph from lymph nodes and thoracic duct during lethal infection

Lymphocytes
Emery DL et al
1981 Immunology 43 (2) June 323-336 Wa
Theileria parva, cell-mediated immune responses during immunization and lethal or sub-lethal infections in cattle, mixed lymphocyte reactions, cell-mediated lympholysis

Lymphocytes
Emery DL; Barry JD; Moloo SK
1980 Acta Trop 37 (4) Dec 375-379 Wa
Trypanosoma vivax, goats, movement of parasites and host lymphocytes in efferent lymph from regional lymph node in relation to development of local skin reaction and parasitaemia following challenge with infected Glossina morsitans morsitans

Lymphocytes
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Theileria parva, effector cells that mediate cytotoxicity against parasitized autologous lymphocytes in immune cattle were considered to be thymus-derived lymphocytes

Lymphocytes
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1980 Exper Parasitol 50 (3) Dec 358-368 Wa
Trypanosoma congolense, specific transformation in vitro of leukocytes from infected or immunized cattle

Lymphocytes
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Schistosoma mansoni-infected mice, autoantibodies and polyclonal non-specific B cell activation

Lymphocytes
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1980 Am J Vet Research 41 (3) Mar 368-371 Wa
Anaplasma marginale, cattle, evaluation of immune response and protective capacity of dodecanoic acid-conjugated vaccines; influence of erythrocyte antigens associated with anaplasma vaccine on in vivo and in vitro measurements used to evaluate cell-mediated response to A. marginale

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Lymphocytes
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Sarcocystis cruzi, cattle, correlation of in vitro lymphocyte function with structural changes in lymphoid tissue, results indicate that acute sarcocystosis is accompanied by lymphoid abnormality which could result in immunosuppression

Lymphocytes
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Herpetomonas samuelpessoai, dependence on macrophages of guinea pig T-cell immune response, demonstration of cross-reactivity at cellular level between H. samuelpessoai and Trypanosoma cruzi antigens

Lymphocytes
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1981 Indian J Med Research 73 Suppl Jan 97-106 Wa
Wuchereria bancrofti, infected and non-infected humans living under similar environmental conditions, assay of E and EAC rosette forming peripheral lymphocytes as well as total and differential WBC counts, neutropenia, eosinophilia, and unaltered lymphocyte counts observed in infected group: Pondicherry, India

Lymphocytes
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1981 Ann Trop Med and Parasitol 75 (3) June 347-351 Wa
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Schistosoma japonicum, mice, dynamics of antigen- and mitogen-induced responses, in vitro comparison between hepatic granulomas and splenic cells, kinetics recall spontaneous modulation of various clinical and pathologic parameters in natural disease

Lymphocytes
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Trypanosoma brucei, induction of T lymphocyte-dependent proliferative response specific for parasite

Lymphocytes
Gasbarre LC; Hug K; Louis J
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Trypanosoma brucei brucei, mice, suppression of T lymphocyte proliferative response to T. brucei antigens by systemic trypanosome infection, results indicate that both T cells and macrophages are affected by infection

Lymphocytes
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1979 Tr Roy Soc Trop Med and Hyg 73 (6) 725-726 Wa
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Lymphocytes
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1981 Cellular Immunol 60 (2) May 15 367-375 Wa
Leishmania enrietti, macrophage subpopulations from uninfected and immune guinea pigs of different strains, ability to support parasite growth in vitro and to promote proliferation in lymphocytes of animals recovered from primary lesion, evidence that macrophage heterogeneity and Ir-gene control are factors involved in immune response of guinea pigs to infection with L. enrietti

Lymphocytes
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Lymphocytes
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sleeping sickness, human, clinical features, laboratory abnormalities, pathological changes, speculations about pathogenesis with emphasis on immunopathology (immediate hypersensitivity, autoantibodies, immune complexes), hypothesis suggesting dominant role for B lymphocyte proliferation in pathogenesis, symposium presentation

Lymphocytes
Gusmao RA; Stanley AM; Ottesen EA
1981 Exper Parasitol 52 (1) Aug 147-159 Wa
Brugia pahangi, inbred Lewis rats, cellular and humoral immune responses (blood leukocyte levels, antifilarial IgG and IgE antibody production, specific lymphocyte responses to mitogens and filarial antigens), findings suggest that development of specific IgE antibodies plays role in differential susceptibility to infection in these rats

Lymphocytes
Haque A; Ogilvie BM; Capron A
1981 Exper Parasitol 52 (1) Aug 25-34 Wa
Dipetalonema viteae, mice, response of spleen cells to mitogens and antigens, seems unlikely that generalized immunodepression is major factor contributing to long survival of D. viteae in its host

Lymphocytes
Hayes MM; Kierszenbaum F
1981 Infect and Immun 31 (3) Mar 1117-1124 Wa
Trypanosoma cruzi, course of infection in mice given different doses, kinetics of lymphocyte responsiveness to mitogenic stimulation, variations in T and B cell contents of spleen during infection, effects of cyclophosphamide-induced immunosuppression during chronic infection; results indicate that immunosuppression in mice is characteristic of acute (but not chronic) phase of disease and that chronicity is likely to be attained and maintained as consequence of reestablishment of normal immune responsiveness

Lymphocytes
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Lymphocytes
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Lymphocytes
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Nippostrongylus brasiliensis, rats, regulatory role of IgE-binding factors from rat T lymphocytes, formation of IgE-binding factors in rats treated with complete Freund's adjuvant

Lymphocytes
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1981 Clin and Exper Immunol 45 (3) Sept 633-641 Wa
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Leishmania tropica, prophylactic effect of sublethal irradiation as result of abrogation of suppressor T cell generation in genetically susceptible BALB/c mice

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Plasmodium yoelii, mice, early enhancement of natural killer cell activity (correlated with transient early rise in serum interferon levels) followed by marked suppression later in course of infection, antibody-dependent cell-mediated cytotoxicity and responses of T and B lymphocytes to mitogens were suppressed throughout course of infection

Lymphocytes
Ishizaka K et al
1981 Fed Proc 40 (8) June 2162-2166 Wm
Nippostrongylus brasiliensis, rats, regulation of IgE response by IgE binding factors, review

Lymphocytes
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1981 Parasitology 83 (1) Aug 147-162 Wa
Schistosoma mansoni, in vitro proliferative response to living schistosomula by T lymphocytes from infected mice

Lymphocytes
Johnson WD jr
1981 Infect and Immun 33 (3) Sept 948-949 Wa
Toxoplasma gondii, human, acute infection, chronological development of cellular immunity, dichotomy between resolution of clinical illness and responsiveness of B and T lymphocytes to toxoplasma antigens, transient period of antigen-specific immunosuppression

Lymphocytes
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Ascaris suum, T-cell responses of C57BL/6J mice in vitro and in vivo

Lymphocytes
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Toxoplasma gondii, relationship between lymphocytes and macrophages during control of intravacuolar parasite replication, successful use of macrophage cell lines to evaluate control of microbes by lymphocytes and lymphocyte products, review

Lymphocytes
Kar SK et al
1981 European J Immunol 11 (2) Feb 100-105 Wm
Trypanosoma congolense-infected mice, comparison of immune reactivity and cellular composition of different lymphoid organs at different stages of infection, results indicate spleen is primary site of immune depression and other lymphoid organs are very little affected

Lymphocytes
Kawabata M et al
1981 Infect and Immun 32 (2) May 438-442 Wa
Schistosoma japonicum-infected mice, thymocytotoxic autoantibodies, induction may be consequence of polyclonal B-lymphocyte stimulation by infection

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Lymphocytes
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1980 Infect and Immun 30 (3) Dec 781-785 Wa
Plasmodium falciparum, P. vivax, naturally infected Thai adults, examination of peripheral blood mononuclear cells and sera in assays of blastogenic responsiveness to mitogenic lectins and allogeneic cell surface antigens, results indicate that blastogenic responsiveness remains intact during course of malaria infection and that patient sera is capable of exerting negative immunoregulatory effects

Lymphocytes
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1980 Trop Med Research Studies Ser (1) 229 pp Wm
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1981 Cellular Immunol 63 (1) Sept 1 210-215 Wa
Trypanosoma rhodesiense-infected athymic nu/nu mice, depression of splenic B cell responses, suppressor macrophage is present in spleen cell preparations, results suggest that immunosuppression and splenic suppressor macrophage stimulation in experimental African trypanosomiasis are T-independent processes

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Trypanosoma vivax-infected Boran cattle (exper.), spleen and lymph nodes, gross and histopathologic changes, membrane and intracytoplasmic immunoglobulin, deposits of immunoglobulin, in vitro proliferative response to mitogens of cells obtained from these organs, plasma immunoglobulin concentrations, evidence for existence of intact orderly immune response, results question relative importance of immunodepression in bovine trypanosomiasis

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visceral leishmaniasis, children, haematological data (including immunoglobulin levels), lymphocyte subpopulations, K cell activity

Lymphocytes
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Leishmania donovani, human, humoral and cell-mediated responses of 3 cases showed disturbances of T-cells, subpopulations of T-cells, and evidence of circulating immune complexes of nonpathogenic nature

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1981 Immunology 44 (1) Sept 119-123 Wa
Nippostrongylus brasiliensis, rats, adoptive transfer of total and parasite-specific IgE responses with immune thoracic duct lymphocytes

Lymphocytes
Nogueira N et al
1981 Exper Parasitol 51 (3) June 325-334 Wa
Trypanosoma cruzi, relative resistance of several inbred mouse strains to Y and CL parasite strains, acquired immunity following sublethal infection, passive transfer of resistance by spleen cells generating macrophage activating factor(s), role of T-cell-enriched immune cells in passive transfer of resistance in vivo and lymphokine production in vitro, relative ability of spleen cells from different strains of mice to generate macrophage activating factor(s) during infection, histological appearance of organs from infected mice

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Trypanosoma cruzi, cell-mediated immunity in vitro, review

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1981 Exper Parasitol 51 (1) Feb 104-115 Wa
Plasmodium berghei in in vitro spleen cultures containing various combinations of T lymphocytes, B lymphocytes, and macrophages, primary and secondary immune responses, IgG and IgM titers

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1980 J Immunol 124 (1) Jan 121-126 Wm
Trypanosoma cruzi, mice, polyclonal B lymphocyte activation, may be responsible for abnormalities in immunoglobulin synthesis and secretion, possible role in etiology of autoimmune disease

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Schistosoma mansoni, human, humoral suppressive factors which inhibit lymphocyte proliferative responses to parasite antigens

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Giardia muris, normal and nude mice (exper.), phagocytosis of parasites by macrophages in Peyer's patch epithelium, close physical association of lymphoblasts and macrophages containing parasite remnants suggests that this macrophage activity represents intraepithelial antigen processing as well as intestinal defense mechanism

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1980 Trop Dis Research Ser (3) 155-157 Wm
Theileria parva, stimulation of bovine lymphocytes by syngeneic cell lines transformed in vitro by parasites, workshop presentation

Lymphocytes
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1980 Immunology 39 (2) Feb 249-254 Wa
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1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 820-831 Wa
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Theileria parva parva, proliferation and lymphocyte stimulatory capacity of infected lymphoblastoid cells before and after elimination of intracellular parasites

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Trichinella spiralis-infected germfree and conventional mice, reactivity of lymphocytes

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1981 Parasite Immunol 3 (3) Autumn 219-226 Wm
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1981 Tropenmed u Parasitol 32 (2) June 101-104 Wa
Theileria annulata-infected calves, peripheral blood lymphocytes assayed for E, EA, and EAC rosette formation

Lymphocytes
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1981 Tropenmed u Parasitol 32 (3) Sept 154-156 Wa
Theileria annulata, production of macrophage migration inhibition factor by sensitized lymphocytes from infected calves, results indicate occurrence of sensitized lymphocytes as effector cells of cell-mediated immunity to T. annulata infection

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1979 Bull World Health Organ 57 suppl 1 139-151 Wa
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ability of nonspecific T-cell stimulators (including Plasmodium yoelii infection) to induce helper-cell-dependent increases in either polyclonal or isotype-restricted Ig production in mice

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Babesia microti of human origin in mice, resistance to and recovery from primary infection is modulated by T lymphocytes, depressed B cell function and normal T cell function are correlates of this infection

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1980 Cellular Immunol 52 (2) July 1 255-265 Wa
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Lymphocytes
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1980 Tropenmed u Parasitol 31 (1) Mar 105-110 Wm
Trypanosoma congolense-infected Bos indicus (exper.), reduced primary immune response to Leptospira biflexa immunization, secondary response (after berenil cure and re-immunization) suggested presence of intact memory cell population and was lower than (but not significantly different from) that of controls; effect of post infection serum on in vitro thymidine uptake by lymphocytes and on leucocyte migration

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1980 Clin and Exper Immunol 40 (1) Apr 36-41 Wa
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Lymphocytes
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1979 6 Internat Convoc Immunol 262-267 Wm; Wa
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1980 J Exper Med 152 (2 pt 2) Aug 1 314s-318s Wm
Schistosoma japonicum, human, association between HLA haplotype and low responsiveness to schistosomal worm antigen (evaluated by measuring antigen-specific proliferative response of peripheral T lymphocytes in vitro)

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Trypanosoma brucei rhodesiense-derived mitogen, activation of human peripheral blood lymphocytes, immunoglobulin synthesis in cell cultures

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Plasmodium falciparum gametocytogenesis stimulated by lymphocytes and serum from infected Gambian children

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Lymphocytes
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1980 J Immunol 125 (1) July 148-154 Wm
Nippostrongylus brasiliensis, regulatory role of IgE-binding factors from rat T-lymphocytes, mechanism of enhancement of IgE response by IgE-potentiating factor

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1980 Infect and Immun 28 (2) May 502-507 Wa
Plasmodium knowlesi in Macaca mulatta, alterations in distribution and proliferative responses of peripheral blood and spleen cells during infection

Lymphocytes
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1979 Immun u Infekt 7 (6) Dec 213-221 Wm
Trichinella spiralis, human, brief review (of history, epidemiology, biology and transmission, immunology, different diagnostic methods); evaluation of modified indirect immunofluorescence test; lymphocyte transformation test, evidence for immunosuppressive effect produced by adult worms

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Schistosoma mansoni, human, further analysis of interactions between patient sera and lymphocytes during in vitro blastogenesis to schistosome antigen preparations, results show that expression of suppressive effects of chronic serum depends both on capacity of sera to suppress and capability of peripheral blood mononuclear cells to be suppressed

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Trypanosoma cruzi, passive protection of mice with immune T-cell-enriched and -depleted lymphocyte populations and unfractionated immune spleen cells

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1980 J Parasitol 66 (3) June 448 Wa
Brugia pahangi infections in normal vs. nude mice, results suggest resistance is directed against immature stages and depends upon presence of T-lymphocytes

Lymphocytes
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Schistosoma haematobium, soluble factor released by sensitized mononuclear cells incubated with parasite ova, effects on eosinophil migration, findings may reflect in vitro correlate of cell-mediated immunity and may indicate role played by lymphocyte in control of eosinophil function in human biology

Lymphocytes
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Trichinella spiralis, adoptive transfer experiments in mouse radiation chimaeras, results indicate that genetic control of worm expulsion is expressed at level of bone marrow-derived cell population and is independent of lymphocyte responsiveness

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Dirofilaria immitis, dogs (exper.), parasite-specific humoral (IgG (enzyme-linked immunosorbent assay) and IgE (passive cutaneous anaphylaxis) titers) and cellular (lymphocyte transformation) immune responses, results consistent with observations in other host-parasite systems which suggest that in chronic tissue helminth infections cellular responses to parasite antigens are depressed while antibody reactions to the same antigens are relatively preserved

Lymphocytes
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1980 J Parasitol 66 (2) Apr 338-339 Wa
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Plasmodium berghei, specific stimulation of rat lymphocytes by soluble antigens released in vitro from infected erythrocytes

Lymphocytes
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Angiostrongylus cantonensis, prevalence in rats in Queensland; immunodiagnosis, 3 immunofluorescence tests and in vitro lymphocyte blastogenesis, specificity and sensitivity in immunized rabbits and naturally infected rats, levels of responsiveness in 4 Australian populations in relation to prevalence in rats, use in clinical diagnosis in 5 human cases of eosinophilic meningitis

Lymphocytes
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Trypanosoma rhodesiense, mice, lymph node cell responsiveness becomes depressed later during infection than spleen cell responsiveness and does not result from detectable suppressor cell effects, responsiveness in spleen and lymph nodes is restored in animals cured with berenil

Lymphocytes
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Boophilus microplus, proteolytic-enzyme inhibitor, variations in concentration throughout life cycle, effect on isolated enzymes, on blood coagulation, on haemolytic complement, and on lymphocyte transformation

Lymphocytes
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1980 N England J Med 302 (14) Apr 3 785-788 Wa
Toxoplasma, human congenital infections, diagnosis, lymphocyte transformation, comparison with other methods

Lymphocytes
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1981 Internat J Parasitol 11 (1) Feb 11-18 Wa
Trichostrongylus colubriformis, effect of selection of both sire and dam on response of F_1 generation lambs to vaccination with irradiated larvae, faecal egg counts, levels of complement-fixing antibody in serum, in vitro lymphocyte stimulation

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activated macrophages pre-incubated in vitro enhance rather than suppress mitogen-stimulated lymphocyte transformation but paradoxically do not lose capacity to inhibit multiplication of intracellular Toxoplasma gondii

Lymphocytes
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Toxoplasma gondii, patients with toxoplasmal retinochoroiditis vs. seropositive and seronegative controls, antibody titers, in vitro lymphoproliferative responses to toxoplasmal and retinal antigens, observations raise possibility of autoimmune component in pathogenesis of relapses in toxoplasmal retinochoroiditis

Lymphocytes
Yodoi J et al
1981 J Immunol 127 (2) Aug 476-482 Wm
lymphocytes bearing Fc receptors for IgE, possible participation of phospholipase A_2 in glycosylation of IgE-binding sites, includes experiments using Nippostrongylus brasiliensis-infected rats

Lymphocytes
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Nippostrongylus brasiliensis, rats, regulatory role of IgE-binding factors from rat T lymphocytes, glycoprotein nature and source of IgE-potentiating factor

Lymphocytes
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Nippostrongylus brasiliensis-infected rats, formation of IgE-binding factor by T lymphocytes

Lymphokines [See also Immunity; Lymphocytes]

Lymphokines
Bout DT et al
1981 J Immunol 127 (1) July 1-5 Wm
Schistosoma mansoni, in vitro killing of schistosomula by lymphokine-activated mouse macrophages

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Leishmania donovani, lymphokine-mediated killing of intracellular parasites in macrophages

Lymphokines
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Schistosoma mansoni-infected mice, participation of Ly 1^+ and Ly 2^+ T lymphocytes in suppression of granuloma formation and lymphokine production

Lymphokines
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Lymphokines
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1981 Clin and Exper Immunol 45 (3) Sept 633-641 Wa
Litomosoides carinii, enhanced adhesion of rat neutrophils to microfilariae in presence of culture supernatants from mitogen-stimulated lymph node cells, results suggest that cell-mediated immune reactions leading to lymphokine production may potentiate antifilarial antibody-dependent cellular cytotoxicity and general phagocytosis by neutrophils

Lymphokines
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Babesia gibsoni, in vitro phagocytosis of parasitized and non-parasitized erythrocytes by normal or Babesia-immune monocytes incubated with normal or immune serum and by normal monocytes incubated with Babesia-immune lymphokines

Lymphokines
Jones TC
1981 Am J Path 102 (1) Jan 127-132 Wa
obligate intracellular protozoa, interactions with murine macrophages, symposium presentation: protozoal entry mechanisms and phagolysosomal system; protozoal intracellular survival and effects on macrophage function; macrophage antigen processing and genetics of immune response (includes mention of immunosuppression); lymphokine-induced microbicidal and microbistatic changes

Lymphokines
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Toxoplasma gondii, relationship between lymphocytes and macrophages during control of intravacuolar parasite replication, successful use of macrophage cell lines to evaluate control of microbes by lymphocytes and lymphocyte products, review

Lymphokines
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1980 Cellular Immunol 54 (1) Aug 15 140-154 Wm
suitability of lymphotoxin assay as in vitro correlate of cell-mediated immunity to hapten-carrier conjugate known to stimulate high IgE antibody response (DNP-Ascaris)

Lymphokines
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Lymphokines
Nogueira N et al
1981 Exper Parasitol 51 (3) June 325-334 Wa
Trypanosoma cruzi, relative resistance of several inbred mouse strains to Y and CL parasite strains, acquired immunity following sublethal infection, passive transfer of resistance by spleen cells generating macrophage activating factor(s), role of T-cell-enriched immune cells in passive transfer of resistance in vivo and lymphokine production in vitro, relative ability of spleen cells from different strains of mice to generate macrophage activating factor(s) during infection, histological appearance of organs from infected mice

Lymphokines
Wadee AA; Sher R
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Schistosoma haematobium, soluble factor released by sensitized mononuclear cells incubated with parasite ova, effects on eosinophil migration, findings may reflect in vitro correlate of cell-mediated immunity and may indicate role played by lymphocyte in control of eosinophil function in human biology

Lymphokines
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1981 J Reticuloendothel Soc 29 (4) Apr 321-328 Wm
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Lysosomes
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1981 Exper Parasitol 52 (2) Oct 261-270 Wa
Leishmania m. mexicana, growth of amastigotes and promastigotes in untreated macrophages, in macrophages treated with poly-D-glutamic acid (which inhibits phagosome-lysosome fusion), and in macrophages treated with chloroquine (which stimulates phagosome-lysosome fusion)

Lysosomes
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1981 J Protozool 28 (2) May 239-242 Wa
Leishmania tropica, in vivo and in vitro localization within macrophage phagolysosomes, use of colloidal gold as lysosomal label

Lysosomes
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Toxoplasma gondii trophozoites exposed to ultraviolet light induced normal parasitophorous vacuoles in cultured mouse peritoneal macrophages but lost capacity to multiply within them, degeneration of toxoplasmas without participation of host-cell lysosomes; redescription of fine structure of normal Toxoplasma infected macrophages, comparison with macrophages infected with irradiated trophozoites

Lysosomes
Jones TC
1981 Am J Path 102 (1) Jan 127-132 Wa
obligate intracellular protozoa, interactions with murine macrophages, symposium presentation: protozoal entry mechanisms and phagolysosomal system; protozoal intracellular survival and effects on macrophage function; macrophage antigen processing and genetics of immune response (includes mention of immunosuppression); lymphokine-induced microbicidal and microbistatis changes

Lysosomes
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Toxoplasma gondii, responses of lysosomal apparatus of macrophages to action of toxoplasmas and their toxic products, vital fluorescence microscopy

Macrophages [See also Phagocytosis]

Macrophages
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1978 Acta Trop 35 (3) Sept 209-219 Wa
Trypanosoma cruzi, Y vs. CL strain, uptake by and further development in mouse peritoneal macrophages, effect of opsonization

Macrophages
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1980 Exper Parasitol 50 (1) Aug 1-6 Wa
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Macrophages
Alexander J
1981 Exper Parasitol 52 (2) Oct 261-270 Wa
Leishmania mexicana mexicana, growth of amastigotes and promastigotes in untreated macrophages, in macrophages treated with poly-D-glutamic acid (which inhibits phagosome-lysosome fusion), and in macrophages treated with chloroquine (which stimulates phagosome-lysosome fusion)

Macrophages
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1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (14) Apr 14 979-981 Wa
Trichinella spiralis, ultrastructural study of destruction of new born larvae by normal peritoneal cells (eosinophils and macrophages) in presence of immune serum

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1980 Immunol Letters 2 (3) Dec 135-139 Wa
Schistosoma mansoni, inactivation of rat macrophages by peptides resulting from cleavage of IgG by larval proteases, might represent efficient immunosuppressive mechanism of parasite to escape host response

Macrophages
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Schistosoma mansoni, interaction between macrophages and schistosomula: role of nonspecific IgG peptides or aggregates on modulation of beta-glucuronidase release and cytotoxicity against schistosomula, parasite proteolytic enzymes responsible for presence of inhibitory IgG peptides

Macrophages
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1981 Infect and Immun 32 (1) Apr 188-193 Wa
Trypanosoma rhodesiense, mice, evidence for depletion of Ia^+ macrophages and associated immunosuppression

Macrophages
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1980 Tropenmed u Parasitol 31 (3) Sept 313-324 Wa
Babesia microti, action of macrophages and immune serum on growth of parasites in short-term cultures

Macrophages
Behbehani K; Pan SC; Unanue ER
1981 Clin Immunol and Immunopathol 19 (2) May 190-195 Wm
Trypanosoma cruzi-infected mice, marked increase in Ia-bearing macrophages, part of influx is mediated by immune T cells

Macrophages
Benoliel AM et al
1980 Immunology 41 (3) Nov 547-560 Wm
non-specific binding by macrophages, existence of different adhesive mechanisms and modulation by metabolic inhibitors, Leishmania mexicana amazonensis one of 5 test particles

Macrophages
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Schistosoma mansoni, rats, initial and challenge infections, cellular response in lungs and liver, ultrastructural analysis

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1981 Am J Trop Med and Hyg 30 (2) Mar 318-321 Wa
Leishmania tropica, L. donovani, effect of temperature on multiplication of amastigotes within human monocyte-derived macrophages in vitro, implications for localization of these 2 species to cooler and warmer regions of the body respectively, may be suitable model for predicting clinical response of cutaneous strains to heat therapy

Macrophages
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1981 Tropenmed u Parasitol 32 (2) June 93-96 Wa
Trypanosoma cruzi, mice, BCG-induced resistance, correlation with in vitro effects of BCG-activated macrophages on parasite bloodstream stages, findings represent further demonstration that cell-mediated immunity plays role in immune response in experimental Chagas' disease

Macrophages
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mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigenic variation; antigenic mimicry and concomitant immunity; learning to live in your macrophages; jamming the immune response; subversion of the immune system)

Macrophages
Bogatchev Yu V et al
1980 Acta Microbiol Acad Scient Hungar 27 (1) 1-8 Wa
Toxoplasma gondii, response of cultured peritoneal macrophages to invasion of endozoites, enhanced locomotor activity of infected cells, motion picture study

Macrophages
Bout DT et al
1981 J Immunol 127 (1) July 1-5 Wm
Schistosoma mansoni, in vitro killing of schistosomula by lymphokine-activated mouse macrophages

Macrophages
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1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Macrophages
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1980 J Reticuloendothel Soc 27 (1) Jan 89-96 Wm
Leishmania enriettii, inhibitors of serine-esterases enhance lymphokine-induced microbicidal activity in macrophages

Macrophages
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Macrophages
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1980 Mononuclear Phagocytes Functional Aspects pt 2 1539-1558 Wa
Schistosoma mansoni, antibody-dependent cell-mediated cytotoxic mechanism, cytophilic binding of IgE to rat macrophage, effects of IgE-macrophage interaction on cellular metabolism, specificity of IgE binding site, review

Macrophages
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1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 849-857 Wa
Schistosoma mansoni, rats, evidence for participation of anaphylactic antibodies in antibody-dependent cell-mediated cytotoxicity to schistosomes (IgE-macrophage interaction and IgG2a-eosinophil interaction), immune mechanisms regulating effector cell function, in vivo relevance, review

Macrophages
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1981 Ann Immunol 132C (1) Jan-Feb 3-8 Wa
IgE, interaction with mast cells, basophils, eosinophils, macrophages, and lymphoid cells, regulatory function, review

Macrophages
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1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (3) Jan 21 243-246 Wa
Trypanosoma musculi, liberation of hydrogen peroxide by peritoneal macrophages from infected mice, correlation with course of parasitemia, possible role in defense against parasite

Macrophages
Carvalho RMG et al
1981 Infect and Immun 33 (2) Aug 546-554 Wa
Trypanosoma cruzi, spheromastigotes (amastigotes), method for isolation, interaction with mouse macrophages in vitro

Macrophages
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1980 Trop Dis Research Ser (3) 275-276 Wm
Leishmania donovani, in vitro multiplication of amastigotes in macrophages, workshop presentation

Macrophages
Chang KP; Bray RS; Leaney AJ
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Leishmania mexicana amazonensis, infection of mouse macrophages in vitro by sandfly-derived promastigotes

Macrophages
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Leishmania donovani, lymphokine-mediated killing of intracellular parasites in macrophages

Macrophages
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1975 Yonsei Rep Trop Med 6 (1) Nov 31-36 Wm
Toxoplasma gondii-infected mice treated with cortisone, acceleration in development of Toxoplasma cysts in tissue, suppression of macrophage supply into peritoneal cavity, most mice that died were males

Macrophages
Clark IA et al
1981 Infect and Immun 32 (3) June 1058-1066 Wa
Plasmodium vinckei petteri-infected mice given small injection of endotoxin, release of macrophage-derived mediators (tumor necrosis factor, lymphocyte-activating factor, type I interferon), possible importance in pathogensis of acute malaria

Macrophages
Clayton CE et al
1980 Infect and Immun 28 (3) June 824-831 Wm
Trypanosoma b. brucei, mice, cellular proliferation and functional depletion in blood, peritoneum, and spleen related to changes in bone marrow stem cells

Macrophages
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1980 J Protozool 27 (2) May 193-202 Issued July 17 Wa
Plasmodium berghei, P. knowlesi, sporozoites, attachment to, interiorization, and fate within macrophages in vitro in presence of normal or immune serum

Macrophages
El-On J; Bradley DJ; Freeman JC
1980 Exper Parasitol 49 (2) Apr 167-174 Wa
Leishmania donovani, action of excreted factor on hydrolytic enzyme activity of macrophages from mice with genetically different resistance to infection, implications for mechanism whereby leishmanial amastigotes survive in mononuclear phagocytes in presence of lysosomal enzymes

Macrophages
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1981 Ztschr Parasitenk 65 (2) 121-129 Wa
Toxoplasma gondii trophozoites exposed to ultraviolet light induced normal parasitophorous vacuoles in cultured mouse peritoneal macrophages but lost capacity to multiply within them, degeneration of toxoplasmas without participation of host-cell lysosomes; redescription of fine structure of normal Toxoplasma infected macrophages, comparison with macrophages infected with irradiated trophozoites

Macrophages
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1980 Immunol Letters 2 (1) Aug 37-41 Wm
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Macrophages
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1981 Internat Arch Allergy and Applied Immunol 65 (2) 138-143 Wm
fixation of particulate antigens by macrophages is influenced by (1) Fc receptor activity which is controlled by cytoskeletal structure, (2) (sub)classes of antibody involved, and (3) nature and properties of antigen (living Trypanosoma equiperdum one of antigens used)

Macrophages
Fucs R; Barcinski MA
1981 J Parasitol 67 (4) Aug 463-467 Wa
Herpetomonas samuelpessoai, dependence on macrophages of guinea pig T-cell immune response, demonstration of cross-reactivity at cellular level between H. samuelpessoai and Trypanosoma cruzi antigens

Macrophages
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1981 Internat J Parasitol 11 (4) Aug 287-300 Wa
Hymenolepis nana, structural changes of oncosphere associated with postembryonic development in unimmunized mice, damage to larvae possibly attributable to host immunity in immunized mice, ultrastructural level, interaction between host cells and parasite

Macrophages
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1981 Clin and Exper Immunol 45 (1) July 165-172 Wa
Trypanosoma brucei brucei, mice, suppression of T lymphocyte proliferative response to T. brucei antigens by systemic trypanosome infection, results indicate that both T cells and macrophages are affected by infection

Macrophages
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1981 Cellular Immunol 60 (2) May 15 367-375 Wa
Leishmania enrietti, macrophage subpopulations from uninfected and immune guinea pigs of different strains, ability to support parasite growth in vitro and to promote proliferation in lymphocytes of animals recovered from primary lesion, evidence that macrophage heterogeneity and Ir-gene control are factors involved in immune response of guinea pigs to infection with L. enrietti

Macrophages
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1981 Infect and Immun 33 (1) July 149-155 Wa
Trypanosoma brucei brucei, macrophages as primary target cells and mediators of immune dysfunction in African trypanosomiasis

Macrophages
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Leishmania donovani, tumoricidal macrophages are insufficiently activated to kill ingested amastigotes in vitro unless an activating stimulus is maintained for several days

Macrophages
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1981 Parasite Immunol 3 (1) Spring 45-55 Wa
Leishmania tropica major in Biozzi high and low responder lines of mice, comparative susceptibility, serum antibody levels and delayed-type hypersensitivity responses, macrophage differences

Macrophages
Handman E; Chester PM; Remington JS
1980 Infect and Immun 28 (2) May 524-531 Wa
Toxoplasma gondii-infected mice, delayed hypersensitivity to Toxoplasma and unrelated antigens, induction and elicitation of delayed-type hypersensitivity by antigen-pulsed macrophages

Macrophages
Haque A et al
1980 Clin and Exper Immunol 40 (3) June 487-495 Wa
Dipetalonema viteae, IgE antibody-mediated adherence and cytotoxicity of rat macrophages against microfilariae in vitro

Macrophages
Haque A et al
1981 J Immunol 127 (2) Aug 716-725 Wm
Dipetalonema viteae, IgE antibody in eosinophil- and macrophage-mediated in vitro killing of microfilariae

Macrophages
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1980 J Reticuloendothel Soc 27 (6) June 631-637 Wa
Toxoplasma gondii-infected swine vs. normal swine or Freund's complete adjuvant-injected swine, presence of IgM, IgG, and complement receptors on alveolar macrophages and their role in phagocytosis

Macrophages
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1981 Infect and Immun 32 (2) May 637-640 Wa
Toxoplasma gondii, monoclonal antibodies enhance phagocytosis and killing of tachyzoites by normal mouse peritoneal macrophages

Macrophages
James MA; Alger NE
1981 Internat J Parasitol 11 (3) June 217-220 Wa
Plasmodium berghei, mice, treatment with carrageenan (reported anti-macrophage agent) conferred partial immunity

Macrophages
James SL; Sher A
1980 J Immunol 124 (4) Apr 1837-1844 Wm
Schistosoma mansoni, immune mechanisms that stimulate mouse leukocyte (eosinophil, neutrophil, macrophage) migration in response to schistosomula

Macrophages
Jenkins DC; Carrington TS
1981 Parasitology 82 (2) Apr 311-318 Wa
Nematospiroides dubius, course of primary, secondary, and tertiary infections in high and low responder Biozzi mice, results imply that host antibodies play essential role in immunity to this parasite and that resistance cannot be attributed solely to non-specific macrophage activity or cell-mediated immune reactions

Macrophages
Jones TC
1981 Am J Path 102 (1) Jan 127-132 Wa
obligate intracellular protozoa, interactions with murine macrophages, symposium presentation: protozoal entry mechanisms and phagolysosomal system; protozoal intracellular survival and effects on macrophage function; macrophage antigen processing and genetics of immune response (includes mention of immunosuppression); lymphokine-induced microbicidal and microbistatic changes

Macrophages
Jones TC; Byrne GI
1980 Mononuclear Phagocytes Functional Aspects pt 2 1611-1629 Wa
Toxoplasma gondii, relationship between lymphocytes and macrophages during control of intravacuolar parasite replication, successful use of macrophage cell lines to evaluate control of microbes by lymphocytes and lymphocyte products, review

Macrophages
Khavkin TN; Freidlin IS; Shustrov AK
1980 Acta Microbiol Acad Scient Hungar 27 (1) 9-21 Wa
Toxoplasma gondii, responses of lysosomal apparatus of macrophages to action of toxoplasmas and their toxic products, vital fluorescence microscopy

Macrophages
Kipnis TL et al
1981 Proc National Acad Sc 78 (1) Jan 602-605 Wa
Trypanosoma cruzi, enzymatic treatment transforms trypomastigotes into activators of alternative complement pathway and potentiates their uptake by macrophages (but without impairing intracellular survival)

Macrophages
Krahenbuhl JL et al
1981 Infect and Immun 31 (2) Feb 716-722 Wa
Toxoplasma gondii, enhanced resistance in muramyl dipeptide-treated mice, failure to reveal either enhanced cytolytic antibodies or evidence that peritoneal macrophages were activated

Macrophages
Krahenbuhl JL; Remington JS; McLeod R
1980 Mononuclear Phagocytes Functional Aspects pt 2 1631-1653 Wa
activated macrophages, dissociation of microbicidal and cytotoxic effects, specificity of microbicidal function, mechanisms of microbicidal effects, review of experiments with Toxoplasma gondii, Besnoitia jellisoni, and Trichinella spiralis

Macrophages
Kutish GF; Janovy J jr
1981 J Parasitol 67 (4) Aug 457-462 Wa
Leishmania donovani, inhibition of in vitro macrophage digestive capacity by preinfection with 2S parasite strain (infective for hamsters), development of bioassay in which in vitro digestion rate of Leptomonas costoris wa taken as measure of macrophage digestive capacity, Khartoum strain of L. donovani (non-infective for hamsters) did not cause suppressio of macrophage digestive capacity

Macrophages
Lee EH; Al-Izzi SA
1981 Avian Dis 25 (2) Apr-June 503-512 Wa
Eimeria tenella, chickens, severity of infection increased after selective killing of macrophages in peritoneal cavity by carrageenan

Macrophages
Louis JA et al
1981 J Immunol 126 (5) May 1661-1666 Wm
Leishmania tropica major, role of H-2 gene complex in interactions between antigen-presenting macrophages and Leishmania-immune T lymphocytes

Macrophages
Lugetti G et al
[1980] Riv Parassitol Roma 39 (2-3) 1978 187-192 Issued Jan Wa
adherence reaction between Toxocara canis L2 previously sensitized with immune serum and peritoneal macrophages from normal guinea pigs

Macrophages
MacAskill JA et al
1981 Immunology 43 (4) Aug 691-698 Wa
Trypanosoma brucei, mice infected with ^{75}Se-labelled trypanosomes, acute fulminating infections were result of inability of host to achieve effective levels of circulating antibody to cope with massive parasitaemias, not due to impaired macrophage function, no evidence that parasite caused any significant suppression of antibody responses, comparison with parasite strain which caused more chronic infection

Macrophages
Mackenzie CD et al
1980 European J Immunol 10 (8) Aug 594-601 Wm
Trichinella spiralis, Nippostrongylus brasiliensis, various stages in life cycle, activation of complement and induction of antibodies by cuticle, effects of eosinophils, macrophages, neutrophils, and mast cells on viability of these nematodes following cellular attachment to cuticle via antibodies and/or C

Macrophages
Mackenzie CD et al
1981 J Path 133 (2) Feb 161-175 Wa
Trichinella spiralis, Nippostrongylus brasiliensis, in vitro interaction of eosinophils, neutrophils, macrophages, and mast cells with nematode surfaces in presence of complement or antibodies, findings discussed in relationship to immunopathology of nematode infection in vivo

Macrophages
McLaren DJ
1980 Trop Med Research Studies Ser (1) 229 pp Wm
Schistosoma mansoni, parasite surface in relation to host immunity, monograph

Macrophages
McLeod R et al
1980 Cellular Immunol 54 (2) Sept 1 330-350 Wa
Toxoplasma gondii, in vitro effects of human peripheral blood monocytes, monocyte-derived macrophages, and spleen mononuclear phagocytes on parasites

Macrophages
McLeod R; Remington JS
1980 Immunology 39 (4) Apr 599-605 Wa
Toxoplasma gondii, inhibition or killing by activated macrophages, effect of various agents known to inhibit certain metabolic pathways or cell functions, abrogation by tosyllysine chloromethyl ketone or aminophylline

Macrophages
Mansfield JM et al
1981 Cellular Immunol 63 (1) Sept 1 210-215 Wa
Trypanosoma rhodesiense-infected athymic nu/nu mice, depression of splenic B cell responses, suppressor macrophage is present in spleen cell preparations, results suggest that immunosuppression and splenic suppressor macrophage stimulation in experimental African trypanosomiasis are T-independent processes

Macrophages
Morges W; Weidanz WP
1980 Exper Parasitol 50 (2) Oct 188-194 Wa
Plasmodium yoelii, mice, T cells modulate immunodepression in vivo to pneumococcal polysaccharide, immunodepressive event involving antibody formation in vitro to sheep erythrocytes by spleen cells derived from infected mice is manifested by splenic macrophages but mediated by T cells

Macrophages
Murphy JR
1981 Infect and Immun 31 (1) Jan 396-407 Wa
Plasmodium berghei, P. yoelii, mice, analysis of infection-caused defects in macrophage microbicidal capacities, P. chabaudi infection did not cause similar defect

Macrophages
Murray HW
1981 J Exper Med 153 (5) May 1 1302-1315 Wm
Leishmania donovani, L. tropica, susceptibility of promastigotes to oxygen intermediates and killing by normal macrophages

Macrophages
Murray HW
1981 J Exper Med 153 (6) June 1 1690-1695 Wa
Leishmania tropica, L. donovani, interaction with macrophage cell line, correlation between intracellular killing and generation of oxygen intermediates

Macrophages
Murray HW; Cohn ZA
1980 J Exper Med 152 (6) Dec 1 1596-1609 Wm
Toxoplasma gondii, macrophage oxygen-dependent antimicrobial activity, enhanced oxidative metabolism as expression of macrophage activation

Macrophages
Murray HW; Nathan CF; Cohn ZA
1980 J Exper Med 152 (6) Dec 1 1610-1624 Wm
Toxoplasma gondii, macrophage oxygen-dependent antimicrobial activity, role of endogenous scavengers of oxygen intermediates

Macrophages
Nacy CA; Diggs CL
1981 Infect and Immun 34 (1) Oct 310-313 Wa
Leishmania tropica, intracellular replication of amastigotes in mouse peritoneal macrophage cultures, comparison of adherent vs. nonadherent macrophages

Macrophages
Nagasawa H et al
1980 Immunobiology 157 (4-5) Dec 307-319 Wa
Toxoplasma gondii, mouse spleen cell-derived Toxoplasma growth inhibitory factor, separation from macrophage migration inhibitory factor

Macrophages
Niederkorn JY; Shadduck JA
1980 Infect and Immun 27 (3) Mar 995-1002 Wa
Encephalitozoon cuniculi, control of infections by rabbit macrophages, phagocytic killing is potentiated by specific (antibody) and nonspecific (complement) humoral factors

Macrophages
Nogueira N et al
1981 Exper Parasitol 51 (3) June 325-334 Wa
Trypanosoma cruzi, relative resistance of several inbred mouse strains to Y and CL parasite strains, acquired immunity following sublethal infection, passive transfer of resistance by spleen cells generating macrophage activating factor(s), role of T-cell-enriched immune cells in passive transfer of resistance in vivo and lymphokine production in vitro, relative ability of spleen cells from different strains of mice to generate macrophage activating factor(s) during infection, histological appearance of organs from infected mice

Macrophages
Nogueira N; Chaplan S; Cohn Z
1980 J Exper Med 152 (2) Aug 1 447-451 Wa
Trypanosoma cruzi, factors modifying ingestion and fate of blood form trypomastigotes in mouse peritoneal macrophages

Macrophages
Nogueira N; Cohn Z
1979 Trop Dis Research Ser (1) 137-149 Wa
Trypanosoma cruzi, cell-mediated immunity in vitro, review

Macrophages
Nogueira N; Kaplan G; Cohn ZA
1980 Mononuclear Phagocytes Functional Aspects pt 2 1587-1610 Wa
Trypanosoma cruzi, induction of macrophage microbicidal activity, review

Macrophages
Norby SWC; Alger NE
1981 Exper Parasitol 51 (1) Feb 104-115 Wa
Plasmodium berghei in in vitro spleen cultures containing various combinations of T lymphocytes, B lymphocytes, and macrophages, primary and secondary immune responses, IgG and IgM titers

Macrophages
Oka Y et al
1980 Microbiol and Immunol 24 (10) 925-932 Wa
Trichomonas foetus, mice treated with dextran sulfate 500 (macrophage-toxic agent), increased susceptibility to infection

Macrophages
Olds GR et al
1980 J Exper Med 151 (6) June 1 1557-1562 Wa
Schistosoma mansoni, role of arginase as mediator of increased schistosomula killing by activated macrophages

Macrophages
Olds GR; Stewart SJ; Ellner JJ
1981 J Immunol 126 (5) May 1667-1670 Wm
Schistosoma mansoni, mice, amphotericin B enhances host resistance and activates macrophages

Macrophages
Onaga H; Ishii T
1980 Japan J Vet Sc 42 (2) Apr 211-219 Wa
Eimeria tenella, enhancing effects of chicken anti-E. tenella serum on phagocytosis of sporozoites and merozoites by chicken peritoneal macrophages; relationship between antibodies and complement and fate of parasites ingested by macrophages

Macrophages
Ouaissi MA; Haque A; Capron A
1981 Parasitology 82 (1) Feb 55-62 Wa
Dipetalonema viteae, in vitro interaction between rat macrophages and microfilariae in presence of IgE antibody, probable sequence of events leading to killing of microfilariae by macrophages

Macrophages
Owen RL; Allen CL; Stevens DP
1981 Infect and Immun 33 (2) Aug 591-601 Wa
Giardia muris, normal and nude mice (exper.), phagocytosis of parasites by macrophages in Peyer's patch epithelium, close physical association of lymphoblasts and macrophages containing parasite remnants suggests that this macrophage activity represents intraepithelial antigen processing as well as intestinal defense mechanism

Macrophages
Pearson RD et al
1981 Infect and Immun 32 (3) June 1249-1253 Wa
Leishmania donovani, interaction of promastigotes with human monocyte-derived macrophages: parasite entry, intracellular survival, and multiplication

Macrophages
Pecora IL et al
1980 Experientia 36 (8) Aug 15 942-944 Wa
Trypanosoma cruzi, frequency distribution inside macrophages from normal or chronically infected resistant and susceptible strains of mice obeys negative binomial type of distribution, implies that 'aggregrating mechanism' operates in T. cruzi:macrophage interaction

Macrophages
Pecora IL; Barcinski MA
1979 Rev Brasil Biol 39 (2) May 445-450 Wa
Trypanosoma cruzi, role of macrophages in resistant and susceptible strains of mice

Macrophages
Pesanti EL
1980 J Infect Dis 141 (6) June 775-780 Wa
Pneumocystis carinii, in vitro effects of antiprotozoal drugs, immune serum, and medium enriched with macrophage lysosomal enzymes on viability

Macrophages
Playfair JHL
1979 Bull World Health Organ 57 suppl 1 245-246 Wa
Plasmodium yoelii, role of macrophages in lethal infection and in mice protected by immunization

Macrophages
Poulter LW
1980 Clin and Exper Immunol 40 (1) Apr 25-35 Wa
Leishmania enriettii, guinea pigs, intramacrophage localization of parasite protects it from innate and some acquired resistance but does not prevent induction of specific cell-mediated and humoral immunity, metastatic spread of disease may be cause rather than result of suppressed CMI

Macrophages
Poulter LW; Pearce MT
1980 Clin and Exper Immunol 42 (2) Nov 211-218 Wa
Leishmania enriettii, guinea-pigs with diffuse cutaneous leishmaniasis, development and decay of protective acquired cell-mediated immunity, loss of ability to resist challenge infection not associated with reduction in serum antibody levels, progressive disease is associated with local suppression of macrophage effector function

Macrophages
Radulescu S; Meyer EA
1981 Infect and Immun 32 (2) May 852-856 Wa
Giardia lamblia, ability of peritoneal rabbit macrophages from immunized and nonimmunized animals to phagocytose trophozoites in presence of hyperimmune serum, IgG purified from hyperimmune serum, normal serum, or no serum, correlation between ability of antibody to enhance in vitro phagocytosis and to agglutinate antigen

Macrophages
Roubin R et al
1981 J Reticuloendothel Soc 29 (6) June 423-432 Wm
markers of macrophage heterogeneity, altered frequency of macrophage subpopulations after various pathologic stimuli in mice (including Plasmodium berghei infection)

Macrophages
Ruitenberg EJ et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 104-110 Wa
Trichinella spiralis infection in mice genetically selected for high and low antibody production, specific antibody response, histopathological changes in small intestine with emphasis on macrophages, intestinal mast cells, globule leucocytes, and eosinophils

Macrophages
Ryning FW; Krahenbuhl JL; Remington JS
1981 Immunology 42 (4) Apr 513-519 Wm
bronchoalveolar vs. peritoneal macrophages, cytotoxic (against tumor target cells) and microbicidal (against Toxoplasma gondii) function in normal, Toxoplasma-infected, and Corynebacterium parvum-treated mice

Macrophages
Sethi KK; Endo T; Brandis H
1981 Immunol Letters 2 (5-6) Mar 343-346 Wa
Toxoplasma gondii trophozoites precoated with specific monoclonal antibodies cannot survive within normal (non-immune) murine macrophages

Macrophages
Tanowitz HB; Rager-Zisman B; Wittner M
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 820-822 Wa
Trypanosoma cruzi 'Brazil' strain in C57 BL/10 (B10) mice, effect of silica on resistance, results suggest macrophages play important role in host resistance to early infection

Macrophages
Taverne J; Dockrell HM; Playfair JHL
1981 Infect and Immun 33 (1) July 83-89 Wa
Plasmodium yoelii, P. berghei, malarial parasites may be killed by nonspecific soluble mediators that are obtained from mice given macrophage-activating agents followed by endotoxin, sera obtained from mice given endotoxin during course of infection with these parasites also contained parasite-killing factor

Macrophages
Tosta CE; Wedderburn N
1980 Clin and Exper Immunol 42 (1) Oct 114-120 Wa
Plasmodium yoelii, immune phagocytosis of infected erythrocytes by macrophages and eosinophils, opsonizing antibodies alone in absence of macrophage activation cannot account for phagocytosis of non-parasitized erythrocytes which is probably involved in pathogenesis of malaria anemia

Macrophages
Tubaro E et al
1980 Biochem Pharmacol 29 (13) July 1 1945-1948 Wm
Plasmodium berghei-infected mice, xanthine oxidase increase in polymorphonuclear leucocytes and macrophages, possible nonspecific natural defense mechanism

Macrophages
Veress B; Abdalla RE; El Hassan AM
1981 Ann Trop Med and Parasitol 75 (6) Dec 607-613 Wa
Leishmania, ultrastructural morphology of macrophage-parasite interaction as seen in Sudanese human mucosal leishmaniasis and hamster visceral leishmaniasis produced by amastigotes obtained from human mucosal lesions

Macrophages
Verhave JP; Meuwissen JHET; Golenser J
1980 Internat J Nuclear Med and Biol 7 (2) 149-156 Wa
Plasmodium berghei, rats, evidence for possible dual role of macrophages (before activation as transporting agents of sporozoites to liver parenchymal cells, after activation as preventing parasite entry)

Macrophages
Wing EJ et al
1981 J Reticuloendothel Soc 29 (4) Apr 321-328 Wm
Toxoplasma gondii, phagocytosis by and intracellular multiplication in human macrophage-like cell line (U-937), multiplication decreased in lymphokine-stimulated U-937 cells, first demonstration that human macrophage-like cell line can be stimulated by lymphokines to acquire a function of activated macrophages

Macrophages
Wing EJ; Remington JS
1980 Immunology 40 (2) June 239-246 Wa
activated macrophages pre-incubated in vitro enhance rather than suppress mitogen-stimulated lymphocyte transformation but paradoxically do not lose capacity to inhibit multiplication of intracellular Toxoplasma gondii

Macrophages
Zenian A
1981 Exper Parasitol 51 (2) Apr 175-187 Wa
Leishmania tropica, biochemical aspects of promastigotes' attachment to macrophages in vitro

Maintenance See Culture; Passage

Malabsorption See Absorption

Malaysia
Leong TS
1979 Malaysian Agric J 52 (1) 29-38 Wa
Parasites of fish in Malaysia: A review

Malformations See Anomalies

Malnutrition See Diet and nutrition

Manuals See Helminthology, Manuals and textbooks; Parasitology, Manuals and textbooks; Veterinary science, Manuals and textbooks

Manure [See also Disease transmission, Feces]

Manure
Enigk K
1980 Berl u Munchen Tierarztl Wchnschr 93 (19) Oct 1 379-384 Wa
parasites, free living stages, destruction in liquid livestock manure

Manure
Schneider R
1981 Oeffentl Gsndhtsw 43 (3) Mar 149-150 Wm
Pulex irritans in composted swine manure used on gardens, probable cause of infestations on humans and animals in the general area of the gardens: Germany

Manure
Soh CT et al
1978 Yonsei Rep Trop Med 9 (1) Nov 63-69 Wm
effective use of methane gas producing tank system to help decompose organic disposal from pig-sty and cowsheds, prevents survival of parasite eggs and cysts: Seoul, Korea

Mass production of parasites See Culture, Technique

Massachusetts See United States, Massachusetts

Mast cells
Anwar ARE; et al
1980 J Immunol 124 (3) Mar 1122-1129 Wm
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1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 102-112 Wa
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Mast cells
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1981 Am J Trop Med and Hyg 30 (4) July 815-824 Wa
Schistosoma mansoni in resistant CDF rat and more susceptible BALB/c mouse, primary and challenge exposures, ultrastructural analysis of cellular response, inflammatory responses in skin

Mast cells
Brown PJ et al
1981 Vet Immunol and Immunopath 2 (2) Apr 189-198 Wa
Trichinella spiralis-infected thymectomised and normal mice, intestinal mast cell response, parasite kinetics

Mast cells
Capron A; Dessaint JP
1981 Ann Immunol 132C (1) Jan-Feb 3-8 Wa
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Mast cells
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Mast cells
Capron M et al
1981 Nature London (5793) 289 Jan 1-8 71-73 Wa
Schistosoma mansoni, demonstration that mast cell mediators like ECF-A (eosinophil chemotactic factor of anaphylaxis) tetrapeptides can not only promote eosinophil recruitment but also increase IgG-mediated eosinophil cytotoxicity against Schistosoma targets by enhancing expression of eosinophil IgG Fc receptors

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1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 886-889 Wa
Schistosoma mansoni, cercariae (but not schistosomules) are capable of activating release of histamine from rat peritoneal mast cells in vitro, this reaction may function in vivo to serve as causal factor in pathogenesis of 'swimmer's itch'

Mast cells
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Nippostrongylus brasiliensis, evaluation of ability of mast cell-deficient W/W^v anemic mice to accumulate mucosal mast cells, produce worm-specific IgE antibody, and reject worms, results indicate that mucosal mast cells are not absolute requirement for rejection

Mast cells
Davies C; Goose J
1981 Parasite Immunol 3 (2) Summer 81-96 Wa
Fasciola hepatica, killing of newly excysted juveniles in previously sensitized rats observed by light, scanning electron, and transmission electron microscopy, involvement of eosinophils and mast cells, neutrophils not actively involved in early stages of immune damage, C3 not bound to surface of challenge flukes either in vivo or in vitro in immune serum

Mast cells
Denburg JA; Befus AD; Bienenstock J
1980 Immunology 41 (1) Sept 195-202 Wa
Nippostrongylus brasiliensis, rats, in vivo kinetics of intestinal mast cell hyperplasia, growth and differentiation in vitro of mast cells from mesenteric lymph nodes of infected rats

Mast cells
Doy TG; Hughes DL; Harness E
1981 Research Vet Sc 30 (3) May 360-363 Wa
Fasciola hepatica, rats, hypersensitivity responses (intestinal mast cells, intestinal eosinophils, anaphylaxis, serum reagins), possible involvement in protection against challenge infection

Mast cells
Engelkirk PG; Williams JF; Signs MM
1981 Internat J Parasitol 11 (6) Dec 463-474 Wa
Taenia taeniaeformis, evidence of rapid non-specific cell adherence reaction to strobilocerci in vitro which is enhanced by fresh serum and is intensely destructive to distal tegument, results similar whether serum or cells were obtained from infected or non-infected donors, predominant cells were eosinophils, mast cells also present

Mast cells
Gregory MW; Nolan A
1981 Research Vet Sc 30 (3) May 385-387 Wa
Eimeria spp., lambs, globule leucocyte and mucosal mast cell populations in small intestine (excluding lymphoid areas), globule leucocyte and mucosal mast cell populations in mucosa overlying Peyer's patches and in adjacent areas of same section, % distribution of globule leucocytes in mucosa of sections which showed large numbers of these cells

Mast cells
Handlinger JH; Rothwell TLW
1981 Internat J Parasitol 11 (1) Feb 67-70 Wa
Trichostrongylus colubriformis, resistant and susceptible guinea-pigs, resting populations of basophil and eosinophil leucocytes and mast cells and their responses to infection

Mast cells
Justus DE; Morakote N
1981 Internat Arch Allergy and Applied Immunol 64 (4) 371-384 Wa
Trichinella spiralis, mast cell degranulation associated with sequestration and removal of parasite antigens

Mast cells
Kojima S; Kitamura Y; Takatsu K
1980 Immunol Letters 2 (3) Dec 159-162 Wa
Nippostrongylus brasiliensis, prolonged infection in genetically mast cell-depleted W/W^v mice

Mast cells
MacDonald TT; Murray M; Ferguson A
1980 Exper Parasitol 49 (1) Feb 9-14 Wa
Nippostrongylus brasiliensis-infected rats, kinetics of mast cells and globule leucocytes at small intestinal sites and in heterotopically transplanted isografts of intestine

Mast cells
Mackenzie CD et al
1980 European J Immunol 10 (8) Aug 594-601 Wm
Trichinella spiralis, Nippostrongylus brasiliensis, various stages in life cycle, activation of complement and induction of antibodies by cuticle, effects of eosinophils, macrophages, neutrophils, and mast cells on viability of these nematodes following cellular attachment to cuticle via antibodies and/or C

Mast cells
Mackenzie CD et al
1981 J Path 133 (2) Feb 161-175 Wa
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1980 Trop Med Research Studies Ser (1) 229 pp Wm
Schistosoma mansoni, parasite surface in relation to host immunity, monograph

Mast cells
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1980 Internat Arch Allergy and Applied Immunol 63 (2) 178-189 Wa
Schistosoma mansoni, in vitro and in vivo inhibition of mast cell degranulation by factor obtained from parasite, this factor also inhibited IgG2a antibody-dependent eosinophil cytotoxicity against schistosomula, could partly explain low incidence of clinical allergic manifestations observed in parasitic diseases and might represent escape mechanism of parasite to antibody-dependent eosinophil cytotoxicity mechanism

Mast cells
Moqbel R
1980 Parasite Immunol 2 (1) Spring 11-27 Wa
Strongyloides ratti, primary, secondary, and repeated infections of rats, histopathological changes with special reference to tissue eosinophils and mesenteric mast cells, effect of immunosuppression

Mast cells
Rockey JH et al
1981 Arch Ophth Chicago 99 (10) Oct 1831-1840 Wa
Toxocara canis, Ascaris suum, passively sensitized guinea pigs and animals infected intravitreally with ascarid larvae, role of IgE antibodies and mast cells in immunopathology of eye

Mast cells
Rose ME; Ogilvie BM; Bradley JWA
1980 Internat Arch Allergy and Applied Immunol 63 (1) 21-29 Wa
Eimeria acervulina, chickens, E. nieschulzi, rats, intestinal mast cell response to primary and challenge infections, comparison with helminth infections (Nippostrongylus brasiliensis in rats, Raillietina cesticillus in chickens); some properties of chicken mast cells

Mast cells
Ruitenberg EJ et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 104-110 Wa
Trichinella spiralis infection in mice genetically selected for high and low antibody production, specific antibody response, histopathological changes in small intestine with emphasis on macrophages, intestinal mast cells, globule leucocytes, and eosinophils

Mast cells
Ruitenberg EJ; Buys J
1980 Vet Immunol and Immunopath 1 (3) Aug 199-214 Wa
Trichinella spiralis, mice, effects of pregnancy on course of infection and associated histopathological changes in thymus and small intestine (litter size, thymus atrophy and thymus mast cells, worm expulsion, recovery of muscle larvae, intestinal mast cells and globule leucocytes, intestinal eosinophils, antibody production, blood eosinophilia)

Mast cells
Ruitenberg EJ; Elgersma A
1980 Brit J Exper Path 61 (3) June 285-290 Wa
Trichinella spiralis, rats, single or double infections, kinetics of globule leucocytes in the intestinal epithelium, independence of globule leucocytes from intestinal mast cells

Mast cells
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Mast cells
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1981 Experientia 37 (1) Jan 15 49-50 Wa
Boophilus microplus-infected Bos taurus, mast cell histamine is translocated by eosinophils to attachment site, concentration pattern of histamine appears related to grooming behavior of host, could be important aspect of tick rejection mechanism

Mast cells
Turner KJ; Fisher EH; Mayrhofer G
1981 Austral J Exper Biol and Med Sc 59 (4) Aug 491-502 Wa
Nippostrongylus brasiliensis-infected rats, age-dependent modulation of serum IgE and mast cell sensitization, results discussed in relation to proposed mechanisms by which parasites might suppress allergic diseases

Mast cells
Uber CL; Roth RL; Levy DA
1980 Nature London (5779) 287 Sept 18 226-228 Wa
Nippostrongylus brasiliensis, expulsion by mice deficient in mast cells not different from control mice, possible role of goblet cells in self-cure reaction

Mast cells
Weltman JK; Senft AW
1981 Parasite Immunol 3 (2) Summer 157-163 Wa
schistosomiasis, human, analysis of allergy, immunoglobulin E, and diagnostic skin tests, mathematical model for mast cell degranulation

Mathematical models and theory [See also Technique, Statistical methods]

Mathematical models and theory
Anderson RM
1979 20 Symposium Brit Ecol Soc 245-281 Wa
parasites, influence on host survival and reproduction (direct effects, increased susceptibility to predation, reduced competitive fitness), dynamical properties of persistent and transient infection within separate population models, host nutritional status and impact of infection

Mathematical models and theory
Anderson RM
1980 Lecture Notes Biomath 39 278-322 Wa
mathematical framework to describe dynamics of direct life cycle helminth parasites, general properties of model with attention focused on transmission threshold and unstable breakpoints, methods of predicting trends in prevalence and intensity of infection within age-structured populations, dynamics of Necator americanus infections (model predictions compared with data from India and Taiwan), significance of seasonal climatic change and spatial heterogeneity, analysis of effectiveness of various control methods, future research needs, symposium presentation

Mathematical models and theory
Anderson RM; May RM
1980 Science (4470) 210 Nov 7 658-661 Wa
infectious diseases (including protozoa) and population cycles of forest insects, models combining elements of conventional epidemiology with dynamic elements drawn from predator-prey studies

Mathematical models and theory
de Andrade PP; de Almeida DF
1980 Exper Parasitol 50 (1) Aug 57-66 Wa
Herpetomonas samuelpessoai, model which accounts for relationship between microtubule arrangement, changes in cell volume, and transition from elongate (promastigote) to more spherical (para- and opisthomastigote) forms

Mathematical models and theory
Briscoe J
1980 Internat J Epidemiol 9 (3) Sept 265-270 Wm
system for grouping communicable diseases on the basis of the mathematical representation of the disease aetiology, includes malaria and schistosomiasis

Mathematical models and theory
Bundy DAP
1981 J Parasitol 67 (4) Aug 531-534 Wa
Transversotrema patialense, collection and culture techniques required for development of eggs, survival characteristics of free-living miracidial populations (maximum longevity, mean expected life span, age-dependent mortality)

Mathematical models and theory
Coutinho FAB; Griffin M; Thomas JD
1981 Parasitology 82 (1) Feb 111-120 Wa
schistosomiasis, modification of Macdonald's model for transmission of schistosomiasis incorporating snail host-locating efficiency of miracidium

Mathematical models and theory
Dietz K
1980 Lecture Notes Biomath 39 264-277 Wa
models for vector-borne parasitic diseases (malaria, schistosomiasis, onchocerciasis), symposium presentation

Mathematical models and theory
Diul'din AA; Victorov-Nabokov OV; Khodykina ZS
1976 Zhurnal Obshch Biol 37 (3) May-June 440-449 Wa
fleas of rodents, taxonomic and host relationships of 22 species, mathematical analysis using Boolean logic, computer methods: Crimea

Mathematical models and theory
Drummond JG et al
1981 Am J Vet Research 42 (6) June 969-974 Wa
Ascaris suum, pigs (exper.), effects of exposure to atmospheric ammonia on productive performance and respiratory tract health, mathematical models

Mathematical models and theory
Fischthal JH; Fish BL; Vaught RS
1980 J Parasitol 66 (4) Aug 642-644 Wa
Metadena globosa, comparative allometric growth in 3 species of Caribbean fishes: Belize

Mathematical models and theory
Gardiner WP; Gettinby G; Gray JS
1981 Vet Parasitol 9 (1) Oct 75-86 Wa
Ixodes ricinus, models based on weather for predicting tick development times

Mathematical models and theory
Goldfarb LG et al
1980 Am J Trop Med and Hyg 29 (2) Mar 260-264 Wa
mathematical model of epidemiology of Crimean hemorrhagic fever based on focus in Rostov Region, USSR, where Hyalomma p. plumbeum is vector

Mathematical models and theory
Gonzalez-Guzman J
1980 J Math Biol 10 (1) Aug 53-64 Wa
model for parasitic disease control by permanent time-continuous mixed program of vector reduction and drug application

Mathematical models and theory
Hamilton WD
1980 Oikos 35 (2) Oct 282-290 Wa
parasite pressure as an evolutionary factor sufficiently general to account for host sex wherever it exists, 2 models (one-locus diploid selection and two-locus haploid selection)

Mathematical models and theory
Harris RE; Revfeim KJA; Heath DD
1980 J Hyg Cambridge 84 (3) June 389-404 Wa
Echinococcus granulosus, Taenia hydatigena, T. ovis, deterministic model to compare various control strategies for parasites having 2 hosts

Mathematical models and theory
Hellenthal RA; Price RD
1980 Ann Entom Soc Am 73 (5) Sept 495-503 Wa
Geomydoecus subcalifornicus complex, computerized taxonomic analysis system applied to quantitative characters and host and locality data, quantitative programs and automated procedures described in detail

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Hirsch RP
1980 Internat J Parasitol 10 (4) Aug 243-248 Wa
Polymorphus minutus, patterns of distribution in Gammarus pulex, statistical analysis of Hynes & Nicholas' (1963) data, comparison with Crofton's (1971) conclusions based on same data

Mathematical models and theory
Jarroll EL jr
1980 Am Midland Naturalist 103 (2) Apr 360-366 Wa
Bothriocephalus rarus in Notophthalmus viridescens and Macrocyclops ater, suprapopulation dynamics, life cycle strategy, model: Ritchie Co., West Virginia

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Joyner LP; Donnelly J
1979 Advances Parasitol 17 115-140 Wa
babesial infections, epidemiology, review with emphasis on bovine babesiasis in Australia and Babesia divergens in cattle in Britain

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Kirchner TB; Anderson RV; Ingham RE
1980 Ecology 61 (2) Apr 232-237 Wa
natural selection and distribution of nematode sizes, habitat constraints, life history strategies, and physiology as factors

Mathematical models and theory
Kitron UD
1980 Parasitology 81 (2) Oct 235-249 Wa
Gammaridacarus orchestoideae on Orchestoidea corniculata, prevalence and intensity, seasonal variation, host sex, host size (age), host moult stage, reproductive condition of female hosts, frequency distribution of number of parasites per host, mean crowding index, patchiness, index of host mortality, field and laboratory observations: California

Mathematical models and theory
Kosinski RJ
1980 Parasitology 80 (2) Apr 343-357 Wa
antigenic variation in trypanosomes, computer analysis of variant order

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Learmonth ATA; Hunt J
1980 Geographia Med 10 12-19 Wm
Plasmodium, transmission, probabilities in the malaria cycle, graphic presentation

Mathematical models and theory
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1981 Am Naturalist 117 (3) Mar 308-315 Wa
group selection of intermediate rates of increase in parasite-host systems, mathematical model

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Lewis T
1980 Math Biosc 48 (1-2) Feb 53-64 Wa
schistosomiasis, mathematical model for transmission, effect of external source of infection on endemic properties

Mathematical models and theory
Marcati P; Pozio MA
1980 J Math Biol 9 (2) Apr 179-187 Wa
global asymptotic stability for vector disease model with spatial spread, malaria as theoretical example

Mathematical models and theory
Mills CA
1980 Parasitology 81 (1) Aug 91-102 Wa
Transversotrema patialense, temperature- and age-dependent survival and reproduction within parasite populations on Brachydanio rerio

Mathematical models and theory
Morris RS; Meek AH
1980 Vet Parasitol 6 (1-3) Jan 165-184 Wa
measurement and evaluation of economic effects of parasitic disease, extensive review

Mathematical models and theory
Ogunrinade A; Ogunrinade BI
1980 Trop Animal Health and Prod 12 (3) Aug 155-160 Wa
Fasciola gigantica, bovine, model for assessing economic losses: Nigeria

Mathematical models and theory
Onori E; Grab B
1980 Bull World Health Organ 58 (1) 91-98 Wa
human malaria, indicators for forecasting epidemics (entomological, parasitological, immunological, meteorological, and environmental)

Mathematical models and theory
Onori E; Grab B
1980 Bull World Health Organ 58 (2) 321-326 Wa
Plasmodium vivax, humans, quantitative estimates of the evolution of an epidemic in Turkey if remedial measures had not been taken, projections of monthly and annual incidence

Mathematical models and theory
Pecora IL et al
1980 Experientia 36 (8) Aug 15 942-944 Wa
Trypanosoma cruzi, frequency distribution inside macrophages from normal or chronically infected resistant and susceptible strains of mice obeys negative binomial type of distribution, implies that 'aggregrating mechanism' operates in T. cruzi:macrophage interaction

Mathematical models and theory
Pichon G et al
1980 Tropenmed u Parasitol 31 (2) June 165-180 Wa
Wuchereria bancrofti, human, frequency distribution of microfilariae counts in capillary blood at a community level

Mathematical models and theory
Pichon G; Prod'hon J; Riviere F
1980 Cahiers ORSTOM s Entom Med et Parasitol 18 (1) 27-47 Wa
Wuchereria bancrofti, overdispersion and overparasitism in mosquito hosts, pathogenicity coefficient, mathematical analysis

Mathematical models and theory
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1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (14) Apr 14 1011-1013 Wa
Wuchereria bancrofti, distribution pattern of microfilariae ingested by a pool of vectors feeding on the same vertebrate host at the same time, quantitative description and theoretical interpretation

Mathematical models and theory
Prod'hon J; Pichon G; Riviere F
1980 Cahiers ORSTOM s Entom Med et Parasitol 18 (1) 13-25 Wa
Wuchereria bancrofti var. pacifica, quantitative study of permeability of gut of Aedes polynesiensis and Culex pipiens fatigans for different numbers of microfilariae ingested, mathematical analysis

Mathematical models and theory
Rep BH
1980 Trop and Geogr Med 32 (3) Sept 251-255 Wa
Ancylostoma spp., method proposed for estimating reduction of hookworm population in host during infection period (population regression), based on calculations of daily blood loss per worm

Mathematical models and theory
Rodhain F
1980 Bull Soc Path Exot 73 (2) Mar-Apr 182-191 Wa
Loa loa, human and simian infections, hypothesis concerning dynamics of ecology of Loa system

Mathematical models and theory
Rohde K
1980 Experientia 36 (12) Dec 15 1369-1371 Wa
host specificity indices of parasites, application to analysis of latitudinal differences in host specificity of marine Monogenea and Digenea

Mathematical models and theory
Short NJ; Norval RAI
1981 Trop Animal Health and Prod 13 (1) Feb 19-26 Wa
Rhipicephalus appendiculatus (vector of Theileria parva), seasonal occurrence, regulatory roles of different climatic factors (humidity, temperatures, daylength), simple model which can be used to predict seasonal occurrence of adults: Africa

Mathematical models and theory
Singer B; Cohen JE
1980 Math Biosc 49 (3-4) June 273-305 Wa
Plasmodium falciparum malaria, panel survey from longitudinal field studies, estimates of age- and season-specific incidence and recovery rates: Garki, Kano State, Nigeria

Mathematical models and theory
Starr JR; Thomas RJ
1980 Internat J Biometeorol 24 (3) Sept 223-229 Wa
parasitic gastro-enteritis in lambs, estimating timing of larval emergence peak, attempt to model 'surface wetness' and temperature limitation to nematode development: North East England

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Tanner CE; et al
1980 J Parasitol 66 (5) Oct 802-805 Wa
Trichinella spiralis, rabbits, nonrandom negative binomial distribution of parasite populations in host population under carefully controlled laboratory conditions, results indicate nonrandom overdispersion is intrinsic characteristic of this host-parasite association and that susceptibility factors (under presumed genetic control) should be considered seriously in mathematical models of parasites

Mathematical models and theory
Theron A
1980 Rev Epidemiol et San Pub 28 (1) Apr 30 131-139 Wm
Schistosoma mansoni, measurement of cercarial density in local running water used to assess potential risk of human contamination in an endemic area: Guadeloupe

Mathematical models and theory
Titmus G; Badcock RM
1981 Ztschr Parasitenk 65 (3) 353-357 Wa
mermithids, Einfeldia dissidens, morphometric changes in male and female hosts studied by canonical variates analysis, structural modifications discussed in relation to changes in host behaviour

Mathematical models and theory
Tzoneva M et al
1980 Bull World Health Organ 58 (4) 659-662 Wa
Plasmodium falciparum, humans, frequency of glucose-6-phosphate dehydrogenase deficiency in relation to altitude, malaria hypothesis

Mathematical models and theory
Uznanski RL; Nickol BB
1980 J Parasitol 66 (1) Feb 121-126 Wa
Leptorhynchoides thecatus in Hyalella azteca (exper.), unlikely that parasite populations are regulated by death of heavily infected hosts; host-parasite population models based on assumption that parasites kill heavily infected hosts should not be accepted without reservation

Mathematical models and theory
Vargas L; Diaz-Najera A
1980 Arch Invest Med 11 (2) 273-279 Wm
Onchocerca volvulus, black-fly vector capacity analyzed stressing quantitative aspects (density, life-cycle, longevity, probability of survival in days after infectious meal)

Mathematical models and theory
Weltman JK; Senft AW
1981 Parasite Immunol 3 (2) Summer 157-163 Wa
schistosomiasis, human, analysis of allergy, immunoglobulin E, and diagnostic skin tests, mathematical model for mast cell degranulation

Mathematical models and theories
White DJ et al
1981 J N York Entom Soc 89 (1) Mar 23-33 Wa
Dermacentor variabilis, effect of low volume spray frequency on insecticide-stressed (naled) and nonstressed populations, analytical study, multiple and simple regression and exploratory data analyses

Mathematical models and theory
Young RR et al
1980 Parasitology 81 (3) Dec 477-491 Wa
Ostertagia circumcincta, effect of temperature on times to hatching of eggs, mathematical methods

Mathematical models and theory
Young RR et al
1980 Parasitology 81 (3) Dec 493-505 Wa
Ostertagia ostertagi, quantitative modelling and prediction of development times of free-living stages under controlled and field conditions, relationships with temperature

Mathematical models and theory
Young RR; Trajstman AC
1980 Parasitology 80 (3) June 425-431 Wa
strongyloid infective larvae, rapid technique for recovery from pasture and soil samples based upon centrifugal flotation technique, mathematical model of technique

Mating See Behavior; Disease transmission, Venereal; Reproduction

Measurements [See also Morphology; Variation]

Measurements
Barus V
1969 Folia Parasitol 16 (4) 303-311 Wa
Subulura suctoria, morphological and metrical variability dependent upon parasite age and definitive host species

Measurements
Bundy DAP
1981 Internat J Parasitol 11 (4) Aug 319-322 Wa
Transversotrema patialense, egg capsule morphometrics, age-dependency and population frequency distribution, implications for use as taxonomic criterion in Transversotrematidae

Measurements
Edwards GT; Herbert IV
1981 J Helminth 55 (1) Mar 1-7 Wa
Taenia hydatigena, T. ovis, and T. pisiformis adult worms, T. multiceps adults and metacestodes, some quantitative characters used in identification

Measurements
Ergens R
1978 Vestnik Ceskoslov Spolec Zool 42 (4) Nov 249-254 Wa
Gyrodactylus luciopercae, G. longiradix, morphological and metrical studies of hard parts of opisthaptor, differential diagnosis

Measurements
Fischthal JH; Fish BL; Vaught RS
1980 J Parasitol 66 (4) Aug 642-644 Wa
Metadena globosa, comparative allometric growth in 3 species of Caribbean fishes: Belize

Measurements
Gleason LN; Huffman DG
1981 J Parasitol 67 (1) Feb 133-134 Wa
Pomphorhynchus bulbocolli hooks, meristogram analysis of collection from south-central Kentucky, implications for differentiation from P. rocci

Measurements
Hecker H
1980 Path Research and Pract 166 (2-3) 203-217 Wm
Trypanosoma brucei subgroup and other trypanosomes, morphometric differentiations, possible applications to study of cell biology, physiology, and pathologic effects, general review

Measurements
Veress B; Abdalla RE; El Hassan AM
1980 Ann Trop Med and Parasitol 74 (4) Aug 421-426 Wa
Leishmania amastigotes from human mucosal, cutaneous, and visceral infections, statistical-morphometric analysis of certain ultrastructural features, values of measurements corresponded to Leishmania donovani: Sudan

Meat inspection
Grossklaus D
1979 Oeffentl Gsndhtsw 41 (8) Aug 501-512 Wm
zoonoses, current problems involving food hygiene, studies aimed at improving consumer protection, prophylactic measures for veterinary surgeons in the public health field

Meat inspection
Siam M; Michael SA; Ghoneim NH
1979 J Egypt Pub Health Ass 54 (3) 163-170 Wm
Toxoplasma gondii, Trichinella spiralis, survey of slaughtered pigs at abattoir, infective larvae or cysts found in fresh pork but not in the processed meat: Cairo, Egypt

Meat inspection
Urbina C; Borquez H; Silva E
1977 Rev Med Chile 105 (12) Dec 942-943 Wm
bovine cysticercosis, incidence in slaughtered cattle: Lo Valledor Slaughter house, Santiago, Chile

Meat inspection
Walther M; Koske JK
1980 Vet Rec 106 (18-20) May 3 10 17 401-402 Wa
Taenia saginata, calves originating from endemic area, distribution of cysticerci within carcass, efficacy of meat inspection for diagnosing infection: Samburu district of Kenya, East Africa

Mechanism of drug action See Drugs, Mode of action

Medicine, Legal
Petithory J
1979 Bull Soc Path Exot 72 (4) July-Aug 386-395 Wa
parasitic diseases, humans, diagnosis, obligatory quality control for public and private diagnostic laboratories: France

Medicine, Military
Gill GV; Bell DR
1980 Practitioner London (1346) 224 Aug 801-803 Wm
Strongyloides stercoralis, Entamoeba histolytica, malaria, men who had been war prisoners of the Japanese, infections persisting 30 years after return from the tropics: Great Britain

Medicine, Military
Grove DI
1980 Brit Med J (6214) 280 Mar 1 598-601 Wa
Strongyloides stercoralis, prevalence in Allied ex-prisoners of war in south-east Asia, efficacy of various diagnostic methods, clinical manifestations, possible problems associated with immunosuppressed subjects: Australia

Medicine, Military
Hembree SC
1980 Mil Med 145 (11) Nov 751-756 Wm
Plasmodium spp., malaria among the civilian irregular defense group during the Vietnam conflict, account of a major outbreak

Medicine, Military
Takafuji ET et al
1980 Am J Trop Med and Hyg 29 (4) July 516-520 Wa
cutaneous leishmaniasis, occurrence in U.S. Army battalion deployed to Panama Canal Zone for jungle warfare training, medical surveillance program, aspiration cultures of greater value than punch biopsies in confirming early infection, indirect fluorescent antibody and direct agglutination tests useless as diagnostic screening methods in early stages

Meiosis [See also Gametogenesis]

Meiosis
Goldstein P
1981 J Parasitol 67 (5) Oct 697-701 Wa
Ascaris suum, accessory nuclei observed in early meiotic prophase in female worms but absent in meiosis in males, accessory nuclei also observed during prediminution embryonic divisions in some embryos but not in others

Meiosis
Grey AJ; Mackiewicz JS
1980 Internat J Parasitol 10 (5-6) Nov-Dec 397-407 Wa
Glaridacris catostomi, mitotic and meiotic chromosomes, diploidy, triploidy, and parthenogenesis, taxonomic and evolutionary implications

Meiosis
Le Jambre LF; Royal WM
1980 Internat J Parasitol 10 (4) Aug 281-286 Wa
Haemonchus contortus, H. placei, meiotic abnormalities in backcross lines of hybrid Haemonchus

Meiosis
LoVerde PT; Fredericksen DW
1978 Proc Helminth Soc Washington 45 (2) July 158-161 Issued Aug 30 Wa
Cotylogaster occidentalis, chromosome number (2n = 12) and morphology, meiotic chromosomes observed for Cotylaspis insignis (haploid number = 11, 2n = 22); phylogenetic implications of chromosome numbers in the Aspidogastrea

Meiosis
Thomas C; Prasad RS
1980 Cytobios (114) 29 109-114 Wa
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Meningitis [See also Meningoencephalitis]

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Meningitis
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eosinophilic meningitis, human, 19 patients in 2 outbreaks, case reports of 2 deaths where autopsy revealed Angiostrongylus cantonensis larvae and widespread meningoencephalitis in central nervous system: New Hebrides

Meningitis
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Meningitis
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1980 Bull Soc Path Exot 73 (2) Mar-Apr 179-182 Wa
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Meningoencephalitis [See also Encephalitis; Meningitis]

Meningoencephalitis
Bowden DK
1981 Am J Trop Med and Hyg 30 (5) Sept 1141-1143 Wa
eosinophilic meningitis, human, 19 patients in 2 outbreaks, case reports of 2 deaths where autopsy revealed Angiostrongylus cantonensis larvae and widespread meningoencephalitis in central nervous system: New Hebrides

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Naegleria fowleri, 11-year-old girl, case report, primary amoebic meningoencephalitis, had swum in a pool fed by hot spring water: United Kingdom

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Acanthamoeba, Naegleria fowleri, meningoencephalitis, humans, general clinical review

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Doffoel M et al
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Meningoencephalitis
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Meningoencephalitis
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Acanthamoeba castellanii, immunosuppressed woman with systemic lupus erythematosus, fatal meningoencephalitis, amebic trophozoites found in lungs suggests a primary pulmonary focus of infection

Meningoencephalitis
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Hartmannella culbertsoni, mice, experimental meningoencephalitis, effect on aminotransferase levels in brain, effect of amoebicidal drug treatment on these levels

Meningoencephalitis
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1979 J Biosc 1 (2) June 151-157 Wa
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Meningoencephalitis
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Meningoencephalitis
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primary amoebic meningoencephalitis, 4 of 5 cases occurred during dusty harmattan season, marked increase in nasal carriage of pathogenic and non-pathogenic free-living amoebae during harmattan season, speculation that nasal discharge plays role in establishment of infection: Northern Nigeria

Meningoencephalitis
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1980 Am J Trop Med and Hyg 29 (1) Jan 21-25 Wa
Naegleria fowleri identified in Muslim farmer with fatal primary amebic meningoencephalitis, case report, disease contracted during ritual washing which involved sniffing water up nose before prayers, organism also isolated from water and soil from pond used as water source: Nigeria

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1977 Acta Neuropath Berlin 37 (3) Mar 183-191 Wm
Acanthamoeba spp., humans, meningoencephalitis, pathogenesis, clinico-pathological study, case reports

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1981 J Parasitol 67 (4) Aug 599 Wa
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Trypanosoma brucei-infected Peromyscus maniculatus (exper.), plasma cell infiltration of various tissues, disruption of T cell zone of spleen, hyperplasia of germinal centers of spleen and lymph nodes, meningoencephalitis

Meningoencephalitis
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1980 Clin and Exper Immunol 40 (3) June 496-507 Wa
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1979 Neurosurgery 5 (5) Nov 607-610 Wm
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Naegleria fowleri, causitive organism of human primary amoebic meningoencephalitis, general clinical review

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Willaert E; Stevens AR
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 779-783 Wa
Naegleria fowleri, mice (brains, lungs) (exper.), environmental isolate from cooling lake in Texas receiving thermal additions from electric power plant, caused both primary amoebic meningoencephalitis and pneumonitis after intranasal inoculation

Meningoencephalitis
Young MD et al
1980 Am J Trop Med and Hyg 29 (3) May 476-477 Wa
Naegleria fowleri of human origin, fatal infection of Ovis aries (brain, spinal cord) (exper.), lesions in brain comparable to those in human primary amebic meningoencephalitis, infection not transmitted to control animal in same cage

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1981 IC Infect Control 2 (4) July-Aug 317-320 Wm
increased rates of eosinophilia among children in institution for mentally retarded, serologic survey showed previous exposure to variety of parasites but principal cause of eosinophilia may be Toxocara infection due to frequent pica behavior and contact with resident animals: California

Mental disorders
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Giardia lamblia, institutionalized mentally retarded tubercular and psychiatric patients with diarrhea, occurrence in 3 institutions, management with tinidazole and improved hygiene: Sweden

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toxoplasmosis, patients who had psychiatric examinations, parasitic infection not significant in the development of neurosis

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Toxoplasma gondii, children with high positive serological titers frequently have associated neurotic mental conditions, suggests need for diagnostic serology in cases of psychosis with exogenous etiology

Mental disorders
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Giardia lamblia, Entamoeba histolytica, residents of institution for the mentally retarded, failure of selected isolation procedures to control parasite infections, suggested alternative options

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Toxoplasma, learning capacity and memory of normal and infected laboratory rats and mice, relationship to number of brain cysts

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Metabolism, Host
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Schistosoma mansoni, altered drug metabolism in patients with hepatosplenic disease may be due to increased systemic bioavailability of drug, implications for adjusting doses of antischistosomal agents to avoid toxic reactions

Metabolism, Host
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1980 Am J Clin Nutrition 33 (9) Sept 1975-1982 Wa
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1980 Am J Trop Med and Hyg 29 (2) Mar 234-238 Wa
Schistosoma mansoni-infected athymic nude mice vs. normal heterozygotes, activities of several hepatic drug-metabolizing enzymes, severe reductions of hepatic drug-metabolizing capacity occur only in mice that are immunologically competent and are dependent on host's response to parasite eggs

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Giardia lamblia-infected children vs. noninfected children, serum vitamin A and β-carotene levels, indications that there may be malabsorption of vitamin A and that low serum vitamin A levels may be found in infected children, recommends supplementary vitamin A given with antigiardia agent: Thailand

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Metabolism, Host
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Eimeria spp., early weaned lambs fed different levels of monensin, effect on performance, oocyst discharge, and rumen metabolism

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Giardia lamblia, humans with symptomatic giardiasis, infestation had little effect on jejunal absorption studies, thus frank malabsorption syndrome apparently does not occur in giardiasis, if present it is indicative of coexisting disease

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1981 Am J Trop Med and Hyg 30 (5) Sept 1010-1019 Wa
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Metabolism, Host
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ancylostomiasis, patients with anemia and high rate of parasitism, hematologic variations, importance of iron reabsorption in intestinal hemorrhage

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Metabolism, Host
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1981 Ann Parasitol 56 (1) 9-19 Wa
Plasmodium chabaudi-infected mice, serum free fatty acids, glycemia, total lipids and hepatic triacylglycerides, composition in fatty acids of free parasites, uninfected red blood cells, and adipose tissue, determination of urinary catecholamines, determination and identification of cis-vaccenic acid, kinetic study

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Metabolism, Host
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Boophilus microplus, British and Africander x British cattle, alterations in body metabolism which would account for loss of body-weight due to specific effect of tick infestation

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anthelmintics, sheep, efficacy, pharmacokinetics, toxicity, mode of action, host/parasite comparative biochemistry, review: Australia

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Metabolism, Host
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Sacculina carcini-infected Carcinus maenas, incorporation of 3H-leucine into central nervous system; Rhithropanopeus harrisii infected with Loxothylacus panopei (from Beaufort, NC) or injected with L. panopei root homogenates, protein electrophoregram of host ventral ganglionic mass and of parasite root homogenate; results support hypothesis that gametogenic disturbances in crabs parasitized with rhizocephalans are mainly due to neuroendocrine alterations

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Trypanosoma brucei appears to possess hormone-like substance that stimulates production of glucose from liver glycogen

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1981 Exper Parasitol 52 (1) Aug 1-8 Wa
Plasmodium berghei-infected and normal mouse erythrocytes, concentrations of glycolytic intermediates and related metabolites, data also for uninfected mice with induced reticulocytosis

Metabolism, Host
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1980 Internat J Parasitol 10 (5-6) Nov-Dec 375-380 Wa
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Metabolism, Host
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Acanthamoeba culbertsoni, mice, experimental meningoencephalitis, changes in levels of amino acids and enzymes connected with their metabolism in brain

Metabolism, Host
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Metabolism, Host
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Fasciola hepatica, sheep (exper.), chronic subclinical infection, effects on food intake, food utilisation and blood constituents

Metabolism, Host
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Trichostrongylus colubriformis-infected guinea pigs, distribution of ^{14}C-L-leucine in organs and tissues, results show that intestinal nematode infection changes distribution of amino acids between different tissues and that there is appreciable change in protein metabolism of intestinal tract

Metabolism, Host
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Metabolism, Host
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Metabolism, Host
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Metabolism, Host
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Thelohania maenadis in Carcinus mediterraneus, effect of infection on certain biochemical components of hemolymph and tissues of host, experimental ecophysiopathological study analysing effect of variations in environmental water temperature and salinity on proteinemia and glucidic metabolism in healthy vs. parasitized crabs: Vic Lagoon, near Montpellier, France

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Plasmodium lophurae-infected Anas domesticus, nucleotide changes in erythrocytes, findings illustrate close integration of purine metabolism of parasite with that of host cell

Metabolism, Host
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Trypanosoma cruzi, biosynthesis of lipids

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1980 Molec and Biochem Parasitol 1 (1) Mar 55-68 Wa
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Protozoa, carbohydrate transport and utilization, extensive review

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Trypanosoma cruzi, nucleotide and vitamin requirements of growing epimastigotes assessed using defined culture medium

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Metabolism, Parasite
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Metabolism, Parasite
Berens RL et al
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Trypanosoma cruzi, purine metabolism, metabolic pathways and enzymes of particular importance

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Migration, Parasite
Short NJ; Norval RAI
1981 J Parasitol 67 (1) Feb 77-84 Wa
Rhipicephalus appendiculatus, larvae, nymphs, adults, seasonal activity, vertical migration of adults on vegetation, influence of climatic factors (temperature, humidity, day length)

Migration, Parasite
Skinner WD; Todd KS jr
1980 Am J Vet Research 41 (3) Mar 395-398 Wa
Haemonchus contortus, lateral migration of larvae on pasture, influence of weather and and invertebrates on dissemination

Migration, Parasite
Srivastava GC; Kolev G; Georgiev M
[1980] Riv Parassitol Roma 39 (2-3) 1978 131-137 Issued Jan Wa
Dicrocoelium dendriticum, route of migration in laboratory animals, surgical approach, flukes reach biliary system through opening of common bile duct

Migration, Parasite
Tang Z et al
1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26 (3) Sept 232-242 Wa
Philophthalmus gralli, incidence in domestic fowl, life cycle study, encystation behavior of cercaria, observations on excretory system of metacercaria, mode of infection, route of migration of worm: Fujian, China

Migration, Parasite
Theis JH; Bolton V
1980 Exper Parasitol 50 (3) Dec 317-330 Wa
Trypanosoma equiperdum, dogs, movement of parasites from site of inoculation in dermis

Migration, Parasite
Tribouley J; Tribouley-Duret J; Appriou M
1980 Ann Parasitol 55 (1) Jan-Feb 87-96 Wa
Schistosoma mansoni, mice, injection of B.C.G., increase of non-specific resistance, effect on larval migration, re-inoculation of B.C.G. results in immunostimulation which is more intense and appears earlier

Migration, Parasite
Trpis M
1981 Tropenmed u Parasitol 32 (3) Sept 184-188 Wa
Brugia malayi and B. pahangi in autogenous group of Aedes scutellaris complex, level of infection and survival of infected females fed on hosts with different levels of microfilariae in peripheral blood, frequency distribution of infective larvae, distribution of infective larvae in various parts of mosquito body, discussion of absence of Brugian filariasis in Polynesian region of South Pacific, possibility of using these mosquito species as intermediate hosts for laboratory models of Brugian filariasis

Migration, Parasite
Tyler GV; Hibler CP; Prestwood AK
1980 J Wildlife Dis 16 (4) Oct 533-540 Wa
Parelaphostrongylus tenuis in Odocoileus hemionus (exper.), neurologic disease, resulting paralysis in all but one deer, distribution of histopathologic lesions in central nervous system, 2 critical periods observed: 1) nematode migration through spinal neural parenchyma, and 2) penetration of adults into cranial neural parenchyma

Migration, Parasite
Valadares TE et al
1981 Rev Inst Med Trop S Paulo 23 (1) Jan-Feb 1-5 Wm
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Migration, Parasite
Van Marck EAE; Gigase PL
1978 Ann Soc Belge Med Trop 58 (2) June 157-158 Wa
Schistosoma mansoni, mice with total ligation of the portal vein, passive migration via bloodstream from lungs accounts for adult worm pairs' presence in systemic circulation, intrahepatic stage of schistosomules is not a prerequisite for full sexual maturation

Migration, Parasite
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1980 Parasitology 81 (3) Dec 609-617 Wa
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Migration, Parasite
Vardhani VV; Johri GN
1981 Internat J Parasitol 11 (2) Apr 145-147 Wa
Ancylostoma caninum, migratory behavior and survival pattern of larvae in adoptively immunized mice

Migration, Parasite
Wilson PAG; Simpson NE
1981 Parasitology 83 (3) Dec 459-475 Wa
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Migration, Parasite
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1980 Parasitology 80 (2) Apr 257-266 Wa
Schistosoma mansoni, in vivo study of skin phase of schistosomulum migration using living hamster cheek pouch preparation

Migration, Parasite
Zietse MA; Klaver-Wesseling JCM; Vetter CM
1981 J Helminth 55 (3) Sept 203-207 Wa
Ancylostoma caninum, dog serum contains factor that chemotactically attracts infective larvae, sera of other animal species also possess factor but to much lesser extent

Military medicine See Medicine, Military

Mines See Occupational diseases

Miscarriage See Abortion

Mitochondria
Freymuller E; Camargo EP
1981 J Protozool 28 (2) May 175-182 Wa
trypanosomatids with and without endosymbionts, ultrastructural differences (intraflagellar structure, peripheric mitochondrial branching, kinetoplast DNA fibrils)

Mitochondria
Komuniecki R; Komuniecki PR; Saz HJ
1981 J Parasitol 67 (5) Oct 601-608 Wa
Ascaris lumbricoides var. suum, relationships between pyruvate decarboxylation and branched-chain volatile acid synthesis in mitochondria

Mitochondria
Nollen PM
1981 J Parasitol 67 (3) June 355-361 Wa
Schistosoma mansoni, localization of ^{3}H-thymidine in oocyte mitochondria

Mitochondria
de Souza W; Angluster J; Bunn MM
1977 J Submicroscopic Cytol 9 (4) 355-361 Wa
Herpetomonas samuelpessoai grown in defined medium with or without glucose, cytochemical detection of cytochrome oxidase in mitochondrion-kinetoplast complex

Mitochondria
Weber G
1980 J Parasitol 66 (6) Dec 904-913 Issued May 6 1981 Wa
Babesia ovis, erythrocytic stage, sporozoites in salivary glands of Rhipicephalus bursa, Theileria annulata, sporozoites in salivary glands of Hyalomma anatolicum excavatum, ultrastructural demonstration of succinic dehydrogenase and cytochrome oxidase activity in mitochondria

Mitochondria
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1981 Biokhimiia 46 (5) May 771-781 Wa
Crithidia oncopelti, isolation of ribonucleic acids possessing template activity from mitochondria

Mitogens
Ballet JJ et al
1981 Infect and Immun 33 (3) Sept 758-762 Wa
Plasmodium falciparum in continuous cultures, parasite-derived mitogenic activity for human T cells

Mitogens
Diamantstein T et al
1980 Immunology 41 (2) Oct 347-352 Wa
Entamoeba histolytica extracts, mitogenicity for murine lymphocytes, possibility that impaired cell-mediated immune response in amoebiasis patients might be related to action of amoeba on T lymphocytes

Mitogens
Diamantstein T et al
1981 J Immunol 126 (6) June 2084-2086 Wm
Entamoeba histolytica, mitogenicity of parasite extracts for human peripheral T lymphocytes

Mitogens
Selkirk ME; Ogilvie BM; Platts-Mills TAE
1981 Clin and Exper Immunol 45 (3) Sept 615-620 Wa
Trypanosoma brucei rhodesiense-derived mitogen, activation of human peripheral blood lymphocytes, immunoglobulin synthesis in cell cultures

Mitogens
Tizard IR et al
1980 Research Vet Sc 28 (2) Mar 178-184 Wa
Trypanosoma theileri in vitro, production of haemolysins, phospholipases, complement activating factors, and mitogens, levels produced compatible with known low pathogenicity

Mitosis [See also Reproduction]

Mitosis
Ginovker AG
1979 Dokl Akad Nauk SSSR 248 (3) 739-740 Wa
Fasciola hepatica, Opisthorchis felineus, effect of trematode extracts and liver implants on mitotic activity of rat hepatocytes

Mitosis
Grey AJ; Mackiewicz JS
1980 Internat J Parasitol 10 (5-6) Nov-Dec 397-407 Wa
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Mitosis
Grossman AI; Cain GD
1981 J Helminth 55 (1) Mar 71-78 Wa
Megalodiscus temperatus, Philophthalmus gralli, karyotypes, mitotic chromosome number and morphology, C-heterochromatin; possible mechanisms of chromosomal dimorphism in M. temperatus and its significance in evolution of sex-chromosome differentiation in trematodes

Mitosis
Kazakauskaite IaS
1980 Tsitologiia 22 (10) 1170-1175 Wa
Sarcocystis ovifelis, division processes in cysts, electron microscopic investigation

Mitosis
Musisi FL et al
1981 Ztschr Parasitenk 65 (1) 31-41 Wa
Theileria spp. in cultured bovine lymphoblastoid cells, fine structural relationships between macroschizonts and developing lymphoblasts, host cell mitosis

Mitosis
Solari AJ
1980 Exper Cell Research 127 (2) June 457-460 Wa
Trypanosoma cruzi, function of dense plaques during mitosis

Mitosis
Solari AJ
1980 Chromosoma 78 (2) 239-255 Wa
Trypanosoma cruzi, 3-dimensional fine structure of mitotic spindle

Mitosis
Stagg DA et al
1980 Ann Trop Med and Parasitol 74 (2) Apr 263-265 Wa
Theileria, synchronization of division of macroschizonts and their mammalian host cells

Mitosis
Thomas C; Prasad RS
1980 Cytobios (114) 29 109-114 Wa
Ctenocephalides orientis, observations on sex-determining mechanism and chromosomal behavior during mitosis and meiosis, first report of chromosome elimination in Siphonaptera

Mitosis
Uspenskaia AV
1981 Tsitologiia 23 (5) May 570-580 Wa
Henneguya zschokkei, nuclear ploidy of different life cycle stages, cytophotometric investigation of nuclear DNA content, electron microscopy, comparison with other Myxosporidia, 2 possible schemes of nuclear and cellular divisions during sporogenesis of diplosporoblastic Myxosporidia

Mixed infections
Abbas B; Post G
1980 J Wildlife Dis 16 (4) Oct 565-570 Wa
Eimeria mccordocki and E. madisonensis in Odocoileus hemionus (nat. and exper.), clinical signs, mixed infections, pathology of intestinal tract, life cycle of E. mccordocki described: Fort Collins, Colorado

Mixed infections
Abdel Wahab KSE et al
1978 J Egypt Med Ass 61 (3-4) 263-283 Wm
Schistosoma mansoni-infected mice superinfected with one or more Coxsackie type virus, changes in induced pathology and in mouse spleen lymphocyte responses (measured by lymphocyte migration inhibition test)

Mixed infections
Aitken MM et al
1981 Research Vet Sc 31 (1) July 120-126 Wa
Fasciola hepatica-infected vs. non-infected cattle (exper.), resistance to reinfection with potentially lethal dose of Salmonella dublin, results indicate that Fasciola infection did not alter resistance but that bacteria persisted in tissues and were excreted in faeces of fluke-infected animals for longer than fluke-free animals

Mixed infections
Aitken MM; Hughes DL; Jones PW
1980 Research Vet Sc 28 (2) Mar 250-253 Wa
Fasciola hepatica-infected rats, response to reinfection with Salmonella dublin

Mixed infections
Akhtar R; Hayes CG; Baqar S
1981 J Parasitol 67 (4) Aug 571-573 Wa
Nosema algerae-infected and uninfected Culex tritaeniorhynchus, comparison of susceptibility to infection with West Nile virus and of ability to transmit virus; results indicate that if N. algerae were used as biological control agent for anopheline vectors of malaria in Pakistan, the infection of C. tritaeniorhynchus with this parasite should not result in increased level of West Nile virus activity

Mixed infections
Al-Sheikhly F; Al-Saieg A
1980 Avian Dis 24 (2) Apr-June 324-333 Wa
Eimeria acervulina, E. necatrix, broiler chicks (exper.), role in production of necrotic enteritis when administered before infection with Clostridium perfringens type A, clinical signs, gross and histopathology

Mixed infections
Anderson WR
1978 Proc Helminth Soc Washington 45 (2) July 226-230 Issued Aug 30 Wa
Stephanurus dentatus, swine (exper.), microbial flora associated with migrating larvae and with parasitized vs. helminth-free swine tissues

Mixed infections
Angus KW et al
1981 Vet Rec 108 (8) Feb 21 173 Wa
cryptosporidium oocysts and yeasts, cattle, differential diagnosis using Grocott-Gomori methanamine silver stained faecal smears taken during field outbreaks of diarrhoea

Mixed infections
Aymard JP et al
1980 Rev Franc Transfus et Immuno-Hematol 23 (4) Sept 491-493 Wm
Plasmodium falciparum, P. malariae, 29-year-old woman, double infection after receiving blood transfusions: France

Mixed infections
Bale JF jr et al
1980 Arch Neurol 37 (4) Apr 236-238 Wm
cytomegalovirus and dual infections, case histories, included 5-week-old girl with Pneumocystis carinii, clinical aspects: Utah

Mixed infections
Bartoli P
[1975] Bull Soc Zool France 99 (4) 1974 551-559 Issued Feb 28 Wa
Gymnophallus choledochus in Nereis diversicolor, competitive exclusion by experimental infection with G. nereicola: Calvados (Manche)

Mixed infections
Belsheim MR et al
1980 Canad Med Ass J 123 (5) Sept 6 394 396 Wa
Giardia lamblia, 68-year-old man, concurrent Whipple's disease, case report

Mixed infections
Bergeland ME; Johnson DD; Shave H
1979 Proc 22 Ann Meet Am Ass Vet Lab Diagn (San Diego California Oct 28-30 1979) 131-138 Wa
Cryptosporidia [sp.], diarrheal calves (ileum, feces), monthly incidence, mixed infections (bacteria and viruses), direct smear technique vs. histologic examination, diagnosis: South Dakota; Minnesota; Iowa; Nebraska; North Dakota

Mixed infections
Berger R; Kraman S; Paciotti M
1980 Am J Trop Med and Hyg 29 (1) Jan 31-34 Wa
Strongyloides stercoralis, 66-year-old man, pulmonary strongyloidiasis complicating therapy with corticosteroids, secondary bacterial meningitis and pneumonia, good response to thiabendazole and other therapy

Mixed infections
Binazzi M; Papini M
1979 Ann Ital Dermat Clin e Sper 33 (3) July-Sept 253-258 Wm
Toxoplasma gondii, man, oedematous-cyanotic and nodular-granulomatous skin lesions on limbs, mixed Staphlococcus infection, case report: Trevi, Italy

Mixed infections
Bindseil E; Andreassen J
1981 Parasitology 83 (3) Dec 489-496 Wa
Ascaris suum, effect on growth and expulsion of Hymenolepis diminuta in mice, immunodepressive effect not found

Mixed infections
Bird RG; Smith MD
1980 J Path 132 (3) Nov 217-233 Wa
Cryptosporidium, morphological features of life cycle stages and fine structure pathology in human epithelial cells, light and electron microscopy; association with viral infection

Mixed infections
du Bois RM et al
1981 Lancet London (8259) 2 Dec 12 1339 Wa
Pneumocystis carinii, homosexual man, parasitic pneumonia associated with cytomegalovirus infection, fatal illness, clinical case review: Great Britain

Mixed infections
Borochovitz D; Martinez AJ; Patterson GT
1981 Human Path 12 (6) June 573-576 Wm
woman with osteomyelitis of mandibular bone graft, pathologic examination of tissue demonstrated mixed infection including Acanthamoeba castellanii, first recorded instance of invasion of bone by free living ameba

Mixed infections
Brennan RO; Durack DT
1981 Lancet London (8259) 2 Dec 12 1338-1339 Wa
Pneumocystis carinii, contributing organism in newly recognized syndrome of opportunistic infections in homosexual males, named 'gay compromise syndrome' as those infected seem to be severely immunocompromised, brief clinical discussion, case report

Mixed infections
Brockmann J; Hoehne C
1979 Zentralb Gynaek 101 (11) 722-726 Wm
trichomoniasis, women with vaginitis, survey of associated bacterial infections

Mixed infections
Brooks DR
1980 System Zool 29 (2) June 192-203 Wa
allopatric speciation and non-interactive parasite community structure (where site specificity is independent of presence or absence of other parasites)

Mixed infections
Brooks DR
1980 System Zool 29 (2) June 214-215 Wa
parasite communities, phylogeny, and ecology, response to Holmes, J. C.; and Price, P. W., 1980, System. Zool., v. 29 (2), 203-213

Mixed infections
Bunnag T et al
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 144-145 Wa
Schistosoma incognitum, S. spindale, mixed infections in bandicoots: Northern Thailand

Mixed infections
Buxton D et al
1980 J Comp Path 90 (2) Apr 331-338 Wa
Toxoplasma gondii in mice infected with louping-ill virus may stimulate 2 independent mechanisms: increased susceptibility to the virus and antiviral activity, possibly mediated by toxoplasma stimulation of interferon production

Mixed infections
Carey AB; Krinsky WL; Main AJ
1980 J Med Entom 17 (1) Jan 31 89-99 Wa
ticks of mammals; abundance, seasonality, geographic distribution, host-tick and tick-tick interactions of Ixodes dammini and Dermacentor variabilis; relationship between I. dammini and public health: south-central Connecticut, USA

Mixed infections
Chatterjee A et al
1980 Ann Trop Med and Parasitol 74 (1) Feb 101-102 Wa
Demodex canis, mongrel dog, associated Trichophyton mentagrophytes infection

Mixed infections
Chevrier L et al
1979 Bull Acad Vet France 132 n s 52 (4) Nov-Dec 483-489 Wa
Babesia and equine infectious anemia in horses, differential diagnosis, clinical aspects and hematological and serological analyses compared; both diseases can co-exist in same animal

Mixed infections
Chinchilla M
1978 Rev Biol Trop 26 (1) July 113-124 Wa
Toxoplasma gondii, epidemiology, importance of domestic rodents, presence of Eimeria falciformis in Mus musculus (nat. and exper.) did not inhibit Toxoplasma infections: Costa Rica

Mixed infections
Chlebowsky HO; Zielke E
1980 Tropenmed u Parasitol 31 (3) Sept 339-344 Wa
Wuchereria bancrofti, Onchocerca volvulus, human, single or mixed infections, host age and sex, side effects observed during diethylcarbamazine treatment campaign: Liberia

Mixed infections
Chowdhuri ANR; Chowdhury DS; Regis ML
1980 Trop Dis Research Ser (3) 103 Wm
Plasmodium malariae, P. falciparum, simultaneous propagation in continuous culture established from case of mixed infection, workshop presentation

Mixed infections
Cifarelli F et al
1980 Ann Sclavo 22 (4) July-Aug 690-693 Wm
Trichomonas vaginalis and other mixed vaginal infections, women, no evidence of IgA in vaginal secretions

Mixed infections
Clark GM; Philip CB; Fadness L
1969 Folia Parasitol 16 (1) 67-73 Issued Mar Wa
Ascaris columnaris, mice, concurrent infections with migratory larvae and 4 neurotropic arboviruses caused higher mortality rates than either larvae alone, virus alone, or sum of mortalities produced by larvae and virus alone

Mixed infections
Coelho PMZ et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 141 Wa
Schistosoma mansoni-infected mice subsequently infected with Leishmania mexicana mexicana, shortened incubation period for leishmaniasis, possibly due to immunodepressive effects of Schistosoma mansoni

Mixed infections
Crane TB; Christensen GR
1981 Ann Ophth Chicago 13 (3) Mar 345-348 Wm
Toxocara canis, 10-year-old male, presumed subretinal granulomatous infestation with visual recovery, serological diagnosis unconfirmed but testing suggested the possibility of toxoplasmosis occurring as a concurrent infection, clinical review: rural Iowa

Mixed infections
Cunningham DS; Hazen TC; Kuhn RE
1981 J Parasitol 67 (4) Aug 468-474 Wa
Trypanosoma cruzi-susceptible and -resistant mice were both more resistant to challenge with Aeromonas hydrophila following infection with T. cruzi, increased resistance depended on several factors but was generally independent of the immunosuppressed condition caused by T. cruzi infection

Mixed infections
Custer JW; Pence DB
1981 J Parasitol 67 (3) June 289-307 Wa
helminths of wild canids (Canis rufus, C. latrans, and their hybrids), prevalence, density, effect of hosts' age, sex, and taxonomic category, helminth species associations, sex ratio of heartworms and hookworms, host heart and spleen weights, geographical diversity, organization of species in helminth communities (importance values, multivariate analyses): Gulf Coastal prairies of Texas and Louisiana compared with other regions in North America

Mixed infections
Dash KM
1981 Internat J Parasitol 11 (3) June 201-207 Wa
Oesophagostomum columbianum, O. venulosum, sheep (exper.), single and mixed infections, interactions studied by comparing establishment, development, and distribution of each species, results discussed in relation to changes in incidence of the two species in sheep on the Northern Tablelands of New South Wales

Mixed infections
Diters RW; Nielsen SW
1978 J Wildlife Dis 14 (1) Jan 132-136 Wa
Toxoplasma gondii, distemper, and herpesvirus in Mephitis mephitis, gross- and histopathology: Old Lyme, Connecticut

Mixed infections
Diters RW; Ryan MJ
1980 Cornell Vet 70 (3) July 213-217 Wa
streptococcal vegetative endocarditis with generalized bacterial embolism associated with Dracunculus insignis in Procyon lotor (intermuscular and subcutaneous fascia), histopathology, case report; phlegmon of forelimb associated with D. insignis infestation believed to be primary site of bacterial invasion: near New Haven, Connecticut

Mixed infections
Etherington WG; Prescott JF
1980 J Am Vet Med Ass 177 (10) Nov 15 1025-1027 Wa
Corynebacterium equi cellulitis in a foal associated with Strongyloides westeri infection, case report

Mixed infections
Eustis SL; Nelson DT
1981 Vet Path 18 (1) Jan 21-28 Wa
coccidia and their interaction with other pathogens, nursing piglets, enteritis, diarrhea

Mixed infections
Ewert A; Reitmeyer JC; Folse D
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 32-39 Wa
Brugia malayi, cats, repeated infection with exposure to opportunistic streptococcus enhances production and persistence of edematous and fibrotic tissues surrounding affected lymphatics

Mixed infections
Ferguson HW; Moccia RD
1980 J Am Vet Med Ass 177 (9) Nov 1 854-857 Wa
Hexamitidae [sp.] in Betta splendens (abdominal cavity; mesentery and parenchyma of liver, spleen, and kidney; blood vessels), gross and histopathologic findings, high mortality, treatment with nifurpirinol, bacteria from peritoneal cavity believed to be secondary invaders, case report

Mixed infections
Fetisovova Z; Skracikova J
1981 Casop Lek Cesk 120 (38) Sept 24 1154-1157 Wm
Giardia, incidence in humans with skin infections such as scabies or with other pathology as urticaria (highest incidence), although associated problems abated after therapy for giardiasis exact etiologic associations could not be determined

Mixed infections
Fried B; Gainsburg DM
1980 J Parasitol 66 (3) June 502-505 Wa
Zygocotyle lunata, Notocotylus sp., single and concurrent infections in domestic chicks (cecum) (exper.), recovery of latter reduced significantly in presence of former, neither size nor distribution of either affected by presence of other; ventral surface of Notocotylus sp. associated intimately with cecal villus and this fluke fed on host blood

Mixed infections
Goetz P; Boman A; Boman HG
1981 Proc Royal Soc London Biol Sc (1188) 212 July 14 333-350 Wa
Neoaplectana carpocapsae and its associated bacterium in Hyalophora cecropia (exper.), symbiotic relationship between nematode and bacteria and its survival value against induced insect immunity

Mixed infections
Graf JF; Mermod C; Aeschlimann A
1979 Bull Soc Neuchatel Sc Nat 3 s 102 55-68 Wa
Ixodes trianguliceps, geographic distribution, ecology (seasonal fluctuation, altitude and biotope comparisons, mixed infestations), life cycle: Suisse

Mixed infections
Grey AJ; Hayunga EG
1980 J Parasitol 66 (2) Apr 371-372 Wa
Glaridacris laruei in Catostomus commersoni, evidence for alternative site selection as result of interspecific competition by Pomphorhynchus bulbocolli, effect of other caryophyllidean species on site selection not readily apparent: New York

Mixed infections
Griffin L et al
1981 J Comp Path 91 (1) Jan 97-103 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African), mixed vs. single infections, red cell destruction rate, erythropoietic response of femoral bone marrow

Mixed infections
Griffin L; Allonby EW; Preston JM
1981 J Comp Path 91 (1) Jan 85-95 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African) varying in resistance, mixed vs. single infections, clinical and parasitological findings, immunosuppression by T. congolense may be responsible for effects observed

Mixed infections
Grimfeld A et al
1981 Nouv Presse Med 10 (22) May 16 1846-1847 Wm
Pneumocystis carinii, 5-year-old immunosuppressed child, mixed infection with Chlamydia trachomatis: France

Mixed infections
Grossi F; Goisis F
1979 Minerva Ginec 31 (10) Oct 10 789-792 Wm
Trichomonas vaginalis, women with mixed fungal vaginal infections, clinical trials comparing LFI 74.2 with standard drugs

Mixed infections
Haddy RI
1980 Am Family Physician 3 22 (6) Dec 25 Wm
Giardia lamblia, Strongyloides stercoralis, Ascaris lumbricoides, mixed infections in adopted Indian child now living in Michigan

Mixed infections
Haque A et al
1981 Clin and Exper Immunol 43 (1) Jan 1-9 Wa
Dipetalonema viteae infective larvae reach reproductive maturity in rats immunodepressed by prior exposure to Schistosoma mansoni or its products and in congenitally athymic rats

Mixed infections
Hall GA et al
1981 J Comp Path 91 (2) Apr 227-233 Wa
Fasciola hepatica, cattle (exper.), susceptibility to oral infection with Salmonella dublin was not increased or enhanced by fluke infection

Mixed infections
Healing TD
1981 Parasitology 83 (1) Aug 179-189 Wa
blood parasites in small rodents, prevalence in relation to year, season, host age, and host sex, concurrent infections: British Isles

Mixed infections
Hinaidy HK; Niebauer GW
1979 Wien Tierarztl Monatsschr 66 (12) Dec 384-386 Wa
Lucilia sericata as cause of facultative myiasis in Oryctolagus cuniculus and Cavia porcellus, case reports, treatment, mixed high grade infection with Pasteurella multocida: Osterreich [laboratory]

Mixed infections
Hinaidy HK; Supperer R
1979 Wien Tierarztl Monatsschr 66 (10) Oct 281-284 Wa
Sarcocystis suicanis, S. suihominis, pigs, incidence, sows more frequently infected than young pigs, mixed infections: Schlachthof St. Marx, Wien, Osterreich

Mixed infections
Hoffman SL et al
1981 Am J Trop Med and Hyg 30 (2) Mar 340-343 Wa
intestinal parasites in Indochinese immigrants, Cambodians and Laotians had higher rate of multiple parasites than Vietnamese, Giardia lamblia was more prevalent in children: clinics in San Diego, California

Mixed infections
Holmes JC; Price PW
1980 System Zool 29 (2) June 203-213 Wa
parasite communities, roles of phylogeny and ecology, response to Brooks, D. R., 1980, System. Zool., v. 29 (2), 192-203

Mixed infections
Iglezias SD
1980 Rev Hosp Clin S Paulo 35 (2) Apr 88-90 Wm
Balantidium coli and Strongyloides stercoralis mixed infections exacerbated in 44-year-old woman being treated with corticosteroids for South American pemphigus foliaceus, case report, fatal illness: Brasil

Mixed infections
Kageruka P
1978 Ann Soc Belge Med Trop 58 (1) Mar 49-52 Wa
Haematoxenus verifelus, N'Dama cattle, prevalence of this infection alone or associated with Trypanosoma spp., Amblyomma sp. considered to be likely vector in this region: Zaire

Mixed infections
Karasawa T et al
1981 Acta Path Japon 31 (3) May 527-534 Wm
Toxoplasma gondii and cytomegalovirus, woman with angio-immunoblastic lymphadenopathy, unusual hepatic lesion, possibly result of symbiosis and synergism of both infections in the liver, case review, clinical report: Japan

Mixed infections
Kaya HK; Hara AH
1980 J Invert Path 36 (3) Nov 389-393 Wa
Neoaplectana carpocapsae and its associated bacterium, infectivity to 3 species of lepidopterous pupae

Mixed infections
Keita MF et al
1981 Am J Trop Med and Hyg 30 (3) May 590-592 Wa
Onchocerca volvulus, Wuchereria bancrofti, Tetrapetalonema perstans, human, single and mixed infections, associations between species are not result of chance alone: savanna zones of Mali and Upper Volta

Mixed infections
Kennedy CR
1981 J Fish Biol 19 (2) Aug 221-236 Wa
eyeflukes in Perca fluviatilis, long term studies on population biology: Diplostomum gasterostei, changes in infrapopulation size (monthly and annual changes in infection levels in all perch and in young perch only, changes in frequency distribution); Tylodelphys clavata, changes in infrapopulation size (monthly and annual changes in infection levels in all perch and in young perch only); interactions between species; Tylodelphys podicipina, changes in infrapopulation size: Slapton Ley, Devon

Mixed infections
Kennedy MW
1980 Parasitology 80 (1) Feb 61-72 Wa
Trichinella spiralis, Nippostrongylus brasiliensis, immunologically-mediated non-specific interactions between intestinal phases of the two species in the mouse

Mixed infections
Kepka O; Skofitsch G
1979 Mitt Naturw Ver Steiermark 109 283-307 Wa
Frenkelia glareoli in Clethrionomys glareolus, intensity and extensity of infection dependent upon host age, mixed infection with Toxoplasma gondii rare and has either lethal or immunizing effect: Deutschland; Osterreich

Mixed infections
Kernbaum S; Leclerc P; Bastin R
1979 Nouv Presse Med 8 (5) Jan 27 366 Wm
Schistosoma haematobium and Salmonella typhi, mixed urinary tract infection, man, case report

Mixed infections
Kocan AA; Shaw MG; Morgan PM
1979 J Wildlife Dis 15 (1) Jan 137-141 Wa
Some parasitic and infectious diseases in waterfowl in Oklahoma

Mixed infections
Kolibasova K et al
1979 Bratisl Lekar Listy 72 (4) Oct 493-498 Wm
Trichomonas vaginalis infections in patients with venereal diseases, metronidazole, single dose therapy

Mixed infections
Kshirsagar HS
1981 Indian J Animal Sc 51 (5) May 572-575 Wa
Eimeria spp., goats (intestine), prevalence, seasonal variation, species composition in pure and mixed infections: Marathwada region

Mixed infections
Kundurovic M
1979 Med Arh 33 (4) July-Aug 283-286 Wm
Trichomonas vaginalis, chronic, recurrent or mixed Candida colpitis, combined therapy using clotrimazole and tinidazole

Mixed infections
Lee RLG
1981 J Helminth 55 (2) June 149-154 Wa
Acanthocephalus lucii, ecology in Perca fluviatilis: incidence, intensity, host age, overdispersion within host population, body localization, evidence of mutual exclusion between A. lucii and Proteocephalus percae and Camallanus lacustris: Serpentine, London, U.K.

Mixed infections
Lewis D; Purnell RE; Bevan WJ
1981 Vet Rec 108 (3) Jan 17 56-57 Wa
Theileria ovis, sheep (blood) (nat. and exper.), low level parasitaemia in splenectomised sheep eventually suppressed by severe Eperythrozoon ovis infection: South Wales

Mixed infections
Licois D; Coudert P
1980 Ann Recherches Vet 11 (3) 273-278 Wa
Eimeria intestinalis, rabbits (exper.), immunization, unsuccessful attempts to suppress immunity using immunodepressors, an antibiotic, Escherichia coli, and Eimeria piriformis

Mixed infections
Licois D; Guillot JF
1980 Rec Med Vet 156 (7-8) July-Aug 555-560 Wa
E[imeria] intestinalis, rabbits (exper.), increased Escherichia coli population caused by coccidia

Mixed infections
Lie KJ; Jeong KH; Heyneman D
1980 Ann Trop Med and Parasitol 74 (2) Apr 157-166 Wa
Schistosoma mansoni, sporocysts in Biomphalaria glabrata with strong natural resistance are encapsulated by granulocytes and killed by strong phagocytic activity, irradiated Echinostoma paraensei sporocysts suppress function of granulocytes; tissue responses associated with destruction of secondary sporocysts in snails with self-cure indicate partial suppression of granulocyte function

Mixed infections
Lie KJ; Mak JW; Cheong WH
1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 328-331 Wa
Breinlia booliati, Brugia malayi, double filarial infections in mosquito hosts did not interfere with host defense responses, preliminary report

Mixed infections
Ljungstroem I et al
1980 Infect and Immun 30 (3) Dec 734-740 Wa
Trichinella spiralis, mice, effect of parasite infection on intestinal fluid transport in concomitant enterotoxic diarrhea (cholera) and on local and systemic antibody formation to cholera toxin immunization

Mixed infections
Long E et al
1981 Ann Trop Med and Parasitol 75 (1) Feb 79-86 Wa
Plasmodium chabaudi infection in mice induces relative unresponsiveness to sheep erythrocytes in terms of serum antibody titres but fails to affect degree of acquired resistance to reinfection with Schistosoma mansoni, S. mansoni infection has inhibitory effects on P. chabaudi parasitaemia

Mixed infections
McColm AA; Hutchison WM
1980 J Helminth 54 (4) Dec 255-257 Wa
intestinal helminths in stray domestic cats, prevalence, intensity, localization in small intestine, prevalence of double infections: central Scotland

Mixed infections
Machnicka B; Choromanski L
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (9) 739-748 Wa
Trypanosoma cruzi-generated immunosuppression, influence on Hymenolepis diminuta development in mice, diminished humoral and cellular responses to H. diminuta, tapeworms not expelled

Mixed infections
Mekki F
1979 Jugoslov Ginek i Opstet 19 (3-4) May-Aug 159-165 Wm
Trichomonas vaginalis and mixed fungal or bacterial infections, humans, cytomorphological changes and intensity of inflammation in cervico-vaginal smears

Mixed infections
Mellor PS; Boorman J
1980 Ann Trop Med and Parasitol 74 (4) Aug 463-469 Wa
Onchocerca cervicalis, multiplication of blue-tongue virus in Culicoides nubeculosus simultaneously infected with virus and microfilariae, similar preliminary results with O. gutturosa

Mixed infections
Miegeville M; Marjolet M; Vermeil C
1979 Bull Soc Path Exot 72 (2) Mar-Apr 107-111 Wa
Schistosoma mansoni, scanning electron microscopic study shows association between parasite surface and Salmonella in anti-Salmonella serum, possible implications for human mixed infections

Mixed infections
Mikhail IA et al
1981 Am J Trop Med and Hyg 30 (2) Mar 385-393 Wa
Schistosoma mansoni, Mesocricetus auratus as animal model to study association of salmonellosis and schistosomiasis, findings suggest that direct physical relationship between bacteria and worms facilitates establishment and growth of Salmonella paratyphyi A in vivo and that deficit in host immune response is not major factor involved in enhanced growth of S. paratyphi A; concurrent Leishmania donovani infections have no effect on S. paratyphi A infections

Mixed infections
Misra A; Katiyar JC; Sen AB
1980 Indian J Exper Biol 18 (8) Aug 906-909 Wa
Nippostrongylus brasiliensis, rats, factors modifying therapeutic efficacy of thiabendazole (worm burden, host resistance, age of parasite, and starvation altered efficacy; host age and weight and concurrent infection with Hymenolepis nana did not)

Mixed infections
Moesgaard F; Steven K; Engbaek K
1981 Acta Med Scand 209 (4) 333-334 Wm
Strongyloides stercoralis, man, case report, associated with severe diarrhea and abnormal colonization of duodenum with Hafnia alvei, both conditions cleared with mebendazole, diagnostic significance of presenting symptoms: Denmark, formerly from Israel

Mixed infections
Molineaux L et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 725-737 Wa
malaria, human, analysis of prevalence, incidence, and parasite density by season and age with respect to relationships among 3 Plasmodium spp. present, possible (immunological) explanations for observed excess of double infections of P. falciparum and P. malariae and of seasonal alternation between these 2 species: Garki District, Kano State, Nigeria

Mixed infections
Moraleda L; Diaz G; Israel E
1980 Rev Chilena Pediat 51 (1) Jan-Feb 59-60 Wm
Balantidium coli, Trichuris trichiura, mixed infection, 10-year-old boy, clinical course, importance of differential diagnosis of dysenteric syndromes: Mafil, provincia de Valdivia, Chile

Mixed infections
Munabe KK
1978 Ann Soc Belge Med Trop 58 (2) June 141-143 Wa
Ascaris, malaria, and sickle-cell anemia as complications of typhoid fever with associated splenic abscess, woman, case report: Zaire

Mixed infections
Munoz C, P et al
1980 Rev Chilena Pediat 51 (6) Nov-Dec 407-410 Wm
enteroparasites (single infections or mixed viral or bacterial infections), young infants, importance as a cause of acute diarrheal syndrome, diagnostic incidence survey shows that Entamoeba histolytica is frequently implicated as a cause and should always be included in differential diagnosis: Chile

Mixed infections
Musa AM; Saleh SY; Abu Asha H
1981 Ann Trop Med and Parasitol 75 (2) Apr 181-184 Wa
schistosomiasis mansoni, past or present infection in 5 Sudanese patients who developed transient nephritis during typhoid fever, typhoid infection may act as activator to already established immune complex glomerular disease caused by schistosomiasis

Mixed infections
Nasir P
[1980] Riv Parassitol Roma 40 (1-2) 1979 13-22 Issued Feb Wa
Schistosoma mansoni, biological control by predation of both molluscs and parasite and intra-molluscan interspecific trematode antagonism, review of literature and present research efforts

Mixed infections
Natale RB et al
1981 Cancer Philadelphia 47 (12) June 15 2933-2935 Wa
Pneumocystis carinii combined with Nocardia asteroides pneumonitis, man with ACTH-producing bronchial carcinoid, clinical case report

Mixed infections
Nicoli RM et al
1981 Ann Parasitol 56 (1) 23-31 Wa
Trichomonas vaginalis, human, disturbs equilibrium of vaginal bacterial populations

Mixed infections
Nielsen R; Sondergaard J; Ullman S
1974 Acta Dermato-Venereol 54 (5) 413-415 Wm
Trichomonas vaginalis, survey, patients attending a clinic of dermatology and venereology, incidence of mixed Neisseria gonorrhoeae and Candida albicans infections: Denmark

Mixed infections
Nutting WB; Dailey MD
1980 J Med Entom 17 (4) July 31 344-347 Wa
Demodex zalophi in Zalophus californianus (webbing and dorsal surface of flippers, posterior ventral surface near genitals, hair follicles of adjacent areas), gross lesions, histopathology, associated bacterial invasion, case report: Sea World, San Diego, California, USA

Mixed infections
Orenstein WA et al
1981 Am J Gastroenterol 75 (1) Jan 52-54 Wm
Entamoeba histolytica, 21-month-old child, simultaneous amebic liver abscess and hepatitis A, case report, diagnostic problems

Mixed infections
Padua RAA et al
1980 Arq Gastroenterol 17 (4) Oct-Dec 213-218 Wm
schistosomiasis and toxoplasmosis associated with alpha-chain disease, 17-year-old male, case report, follow-up after 5 years: Brazil

Mixed infections
Pandey VS; Ouhelli H; Elkhalfane A
1981 J Helminth 55 (3) Sept 155-160 Wa
Habronema muscae, H. majus, Trichostrongylus axei, horses (stomach), prevalence and intensity, seasonal variation, mixed infections: Morocco

Mixed infections
Pec J; Jedinak J; Moravcik P
1981 Ceskoslov Dermat 56 (2) Apr 119-124 Wm
Trichomonas vaginalis, women, concomitant gonorrhoeal infections, highest incidence in those 15-24 years old and in those with multiple sexual partners

Mixed infections
Pedro RJ et al
1980 Rev Inst Med Trop S Paulo 22 (1) Suppl 4 Jan-Feb English text 32-36 Portuguese text 148-152 Wm
Schistosoma mansoni, humans, observations on therapy with oxamniquine and hycanthone, some reports of toxicity and strain resistance; oxamniquine for concurrent Salmonella and schistosomiasis infections

Mixed infections
Pellini M; Pellegrini V
1980 Minerva Ginec 32 (3) Mar 229-234 Wm
Trichomonas vaginalis, humans, mixed fungal infections, controlled clinical trials with LFI 74/2 , compared with group treated with metronidazole

Mixed infections
Pien FD; Navin JJ; Carty F
1981 Am J Trop Med and Hyg 30 (3) May 742-743 Wa
amebae as well as colonies of Actinomyces found in routine Papanicolaou smear of woman with in dwelling intrauterine device, organisms disappeared upon removal of IUD: Hawaii

Mixed infections
Presidente PJA; Beveridge I
1978 J Wildlife Dis 14 (3) July 371-377 Wa
Progamotaenia festiva, P. effigia, comparative pathology in bile ducts of 6 infected marsupial hosts, reduced prevalence of P. festiva in Macropus giganteus when Fasciola hepatica also was recovered: Australia

Mixed infections
Prosl H et al
1980 Wien Tierarztl Monatsschr 67 (1) Jan 14-19 Wa
nematodes, pigs, single and mixed infections, infection rates by breed and sex of host, influence of infection on slaughtering and fattening performance: Wien

Mixed infections
Reid HW et al
1980 J Med Microbiol 13 (2) May 313-318 Wa
Toxoplasma gondii-infected mice, increased susceptibility to louping-ill virus

Mixed infections
Renaud F; Romestand B; Trilles JP
1980 Ann Parasitol 55 (4) July-Aug 467-476 Wa
metazoan parasites of Boops boops, localization, prevalence in relation to host size, abundance, mixed infections: Golfe du Lion

Mixed infections
Roberts L; Walker EJ
1981 Vet Rec 108 (3) Jan 17 62 Wa
Isospora suis and rotavirus as causal agents of diarrhea in unweaned piglets, survey of 9 herds, treatment: north east Scotland

Mixed infections
Rufli T et al
1981 Praxis Bern 70 (14) Mar 31 622-630 Wm
Demodex folliculorum, D. brevis, humans, dermatitis, incidence, pathology, possible role in etiology of other skin infections

Mixed infections
Saif M et al
1978 J Egypt Med Ass 61 (5-6) 427-431 Wm
S[chistosoma] mansoni, infected police recruits, efficacy of oxamniquine therapy, concomitant administration of metrifonate in cases of mixed S. haematobium infections gave favorable results without adverse reactions: Egypt

Mixed infections
Saif El-Din S et al
1976 Ain Shams Med J 27 (3-4) May-July 323-330 Wm
schistosomal patients with viral hepatitis vs. non-schistosomal patients with viral hepatitis, diagnostic clinical picture, changes in immunoglobulin levels and Australian antigen levels

Mixed infections
Salkin IF; Stone WB; Gordon MA
1980 J Wildlife Dis 16 (4) Oct 509-514 Wa
Sarcoptes scabiei and Malassezia pachydermatis in wild animals (skin), presence of yeast on mite exoskeleton suggests possible phoretic association: New York State

Mixed infections
Schaffert RM
1980 Tierarztl Umschau 35 (5) May 1 282-287 289 Wa
helminths and salmonella, dogs (faeces), fecal survey from public parks, grounds, and children's playing grounds, public health significance: Grossstadt in Bundesrepublik Deutschland

Mixed infections
Schmidt LH; Esslinger JH
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 5-11 Wa
Plasmodium falciparum, infections with various strains in Aotus trivirgatus griseimembra exhibiting microfilaremias are usually less severe than infections with the same strains in nonmicrofilaremic monkeys, microfilariae found included Dipetalonema gracile, Tetrapetalonema barbascalensis, T. panamensis, and unidentified species 'Aotus C'; some brief observations on P. vivax infections

Mixed infections
Shchutskii IV; et al
1979 Vestnik Dermat i Venerol (12) Dec 55-59 Wm
trichomoniasis, women, mixed infections with gonorrhea or syphilis, metronidazole

Mixed infections
Silard R
1979 Arch Roumaines Path Exper et Microbiol 38 (1) Jan-Mar 105-114 Wa
Blastocystis hominis, morphological alterations during course of life cycle, during mixed infections, after treatment with metronidazole, or under unfavorable experimental conditions

Mixed infections
Silver BB; Dick TA; Welch HE
1980 J Parasitol 66 (5) Oct 786-791 Wa
Hymenolepis diminuta, Trichinella spiralis, intestinal distribution in rats in single and concurrent infections

Mixed infections
Smith SB; Gibbs HC
1981 Am J Vet Research 42 (6) June 1065-1072 Wa
naturally acquired mixed helminth parasitism in treated vs. untreated yearling dairy calves, in face of constant pasture challenge exposure most adult worms were eliminated from treated animals but adverse effects of parasitism were not reversed

Mixed infections
Smrkovski LL
1981 Infect and Immun 31 (1) Jan 408-412 Wa
Plasmodium berghei, mice, effect of route of Mycobacterium bovis BCG administration on suppression of protective immune response to sporozoite vaccination, results suggest potential for multiple vaccine interference and that relationships between vaccines and multiple infections are deserving of special attention

Mixed infections
Snodgrass DR et al
1980 Vet Rec 106 (22) May 31 458-460 Wa
cryptosporidia, rotavirus, and Escherichia coli in calves during scour outbreak: Lanarkshire, Scotland

Mixed infections
Stagno S et al
1980 Pediatrics Am Acad Pediat 65 (4) Apr 706-712 Wa
Toxoplasma gondii, children of extended family, clinical, serological and epidemiological aspects, history of geophagia, outbreak probably caused by ingesting oocysts from cat feces, unusual and severe clinical manifestations probably resulted from simultaneous Toxocara infection: Alabama

Mixed infections
Stagno S et al
1981 Pediatrics Am Acad Pediat 68 (3) Sept 322-329 Wa
infant pneumonitis associated with Pneumocystis carinii, cytomegalovirus, Chlamydia, and Ureaplasma, prospective study of possible associations of pathologic agents, clinical and laboratory characteristics, and whether mixed infections result in increased severity of pathology: Alabama

Mixed infections
Stemmermann GN; et al
1980 Am J Med 69 (4) Oct 637-642 Wa
Cryptosporidium [sp.], immunodeficient woman, fatal case complicated by disseminated toxoplasmosis, pathology, autopsy findings: Honolulu

Mixed infections
Stewart GL; Reddington JJ; Hamilton AM
1980 Exper Parasitol 50 (1) Aug 115-122 Wa
Eimeria nieschulzi, Trichinella spiralis, analysis of concurrent infections in the rat

Mixed infections
Stuart BP; Lindsey DS; Ernst JV
1979 Proc 2 Internat Symp Neonatal Diarrhea (Univ Saskatchewan Oct 3-5 1978) 371-380 Wa
coccidia as cause of scours, baby pigs, pathology, amprol, mixed infections with Strongyloides ransomi and other enteropathogens: swine farms, South Georgia

Mixed infections
Sullivan JT et al
1981 Internat J Parasitol 11 (6) Dec 481-484 Wa
Schistosoma mansoni, 5 of 7 inbred genetic stocks of Biomphalaria glabrata that are nonsusceptible for NIH-Sm-PR-2 parasite strain revert to nearly complete susceptibility when first infected with Echinostoma paraensei

Mixed infections
Thenvenieau D
1981 Med Trop 41 (2) Mar-Apr 201-205 Wm
Sarcoptes scabiei, children, pathology, complications (especially renal) in the presence of mixed bacterial infections: Nouvelle Caledonie

Mixed infections
Thomas H
1979 Tropenmed u Parasitol 30 (3) Sept 363-370 Wa
Dipetalonema witei, Litomosoides carinii, Mastomys natalensis as suitable laboratory host for single or mixed infections

Mixed infections
Thoongsuwan S; Cox HW
1981 J Parasitol 67 (4) Aug 481-486 Wa
Haemobartonella muris-like agent isolated and identified as occult companion agent in Trypanosoma lewisi-infected rats and implicated as cause of acute hemolytic anemia, splenomegaly with erythrophagocytosis, and proliferative glomerulonephritis in mature rats, disease was less severe in weanling rats, presence of cold-active hemagglutinin, immunoconglutinin, and antibody against fibrinogen products

Mixed infections
Tzipori S et al
1981 Infect and Immun 33 (2) Aug 401-406 Wa
Cryptosporidium sp., enterotoxigenic Escherichia coli, rotavirus, lambs (exper.), single and mixed infections, clinical and pathological manifestations, age susceptibility

Mixed infections
Wade WF; Gaafar SM
1981 Vet Parasitol 8 (4) Sept 309-317 Wa
Ascaris suum, swine, effect of salmonellosis on subsequent Ascaris infections

Mixed infections
Wescott RB; Colwell DA
1980 J Parasitol 66 (5) Oct 858-859 Wa
influence of numbers of Nematospiroides dubius upon delayed rejection of Nippostrongylus brasiliensis in mice

Mixed infections
Weyman-Rzucidlo D
1980 Przegl Dermat 67 (1) Jan-Feb 93-95 Wm
Trichomonas vaginalis, women with mixed fungal vaginitis, klion-D is drug of choice for mixed infections and in T. vaginalis infections with high risk of vaginal candidiasis developing

Mixed infections
Wright KA
1979 Proc Helminth Soc Washington 46 (2) July 213-223 Issued Aug 14 Wa
Rhigonema infecta in Narceus annularis (ileum), associated with fungus Enterobryus elegans, attachment of fungus holdfast to millipede and nematode cuticles, scanning and transmission electron microscopy; fungus only rarely found on Johnstonia sp. and Aorurus sp. in N. annularis (posterior hindgut); extensive bacterial flora present: Georgian Bay, Ontario

Mixed infections
Yoshino TP
1975 Veliger 18 (2) Oct 1 156-161 Wm
larval Digenea in Cerithidea californica, seasonal distribution, histopathology, details of mixed parasitic infections: Goleta Slough, Santa Barbara County, California

Mixed infections
Young MD; Greiner EC; Forrester DJ
[1980] J Parasitol 65 (6) Dec 1979 978-979 Issued Apr 2 Wa
Leucocytozoon smithi, Haemoproteus meleagridis, and Plasmodium hermani in domestic turkey poults reared in isolation and exposed to insect vectors in tree cage in cypress swamp in Florida; some host cells contained 2 parasites, one of which was L. smithi and the other was Plasmodium sp., probably P. hermani

Mixed infections
Young VE; Pence DB
1979 Proc Helminth Soc Washington 46 (1) Jan 28-35 Issued Mar 14 Wa
Pterygondermatites cahirensis from Canis latrans (upper intestine), redescription, synonymy, female-male ratios in male, female, and combined sexes of coyote, age of host, affinities with Ancylostoma caninum may be due to apparently independent preference of both species for younger immunologically tolerant hosts: Texas

Mixed infections
Yusuf JN; Piekarski G; Pelster B
1980 Ztschr Parasitenk 62 (3) 231-240 Wa
Toxoplasma gondii, Trichinella spiralis, single and double infections in mice, antibody production, number of Toxoplasma brain cysts, Trichinella worm burden, host body weight

Mixed infections
Yvore P; Esnault A; Besnard J
1980 Rev Med Vet Toulouse 131 (3) Mar 237-245 Wa
lambs (exper.) infected with Eimeria ninakohlyakimovae alone or in combination with Trichostrongylus colubriformis, some lambs treated with thiabendazole-thiophanate, effect on host growth and food consumption, subclinical infection with coccidia developed after worm eradication which led to a slight decrease in growth

Mixed infections
Zingsheim M; Pullmann H; Gartmann H
1978 Ztschr Hautkrankh 53 (23) Dec 1 881-886 Wm
leishmaniasis, Turkish child, cutaneous infection masking diagnosis of trichophytosis, clinical report: Germany

Mode of drug action See Drugs, Mode of action

Models, Disease models See Technique, Experimental hosts

Models, Laboratory hosts See Technique, Experimental hosts

Models, Mathematical See Mathematical models and theory

Models, Theoretical See Mathematical models and theory

Moisture See Humidity

Moldavia See Russia, Moldavian SSR

Molting See Ecdysis

Monoclonal antibodies See Immunity, Monoclonal antibodies

Monocytes [See also Leukocytes]

Monocytes
Berman JD; Dwyer DM
1981 Clin and Exper Immunol 44 (2) May 342-348 Wa
Leishmania donovani, L. tropica, expression of amastigote antigen(s) on surface membrane of infected human monocyte-derived macrophages in vitro

Monocytes
Chang KP
1981 Am J Trop Med and Hyg 30 (2) Mar 322-333 Wa
Leishmania donovani, leishmanicidal mechanisms of human polymorphonuclear phagocytes

Monocytes
Chang KP
1981 Am J Trop Med and Hyg 30 (2) Mar 334-339 Wa
Leishmania donovani, antibody-mediated inhibition of phagocytosis in amastigote-human phagocyte interactions in vitro

Monocytes
Clayton CE et al
1980 Infect and Immun 28 (3) June 824-831 Wm
Trypanosoma b. brucei, mice, cellular proliferation and functional depletion in blood, peritoneum, and spleen related to changes in bone marrow stem cells

Monocytes
Facer CA; Brown J
1981 Lancet London (8225) 1 Apr 18 897-898 Wa
Plasmodium falciparum, human, monocyte erythrophagocytosis of non-parasitised cells exacerbates anaemia characteristic of this infection

Monocytes
Ferreira GG; Argueles E; Oliveira-Lima A
1979 Rev Inst Med Trop S Paulo 21 (6) Nov-Dec 297-301 Wm
T[rypanosoma] cruzi, depression of blood monocyte chemotaxis in human chronic Chagasic infection

Monocytes
Ghosh TN; Sen PC
1980 Indian J Med Research 71 Feb 207-212 Wa
E[ntamoeba] histolytica, phagocytic function of peripheral blood monocytes and polymorphonuclear neutrophils in patients with different clinical manifestations

Monocytes
Ishimine T; Nagasawa H; Suzuki N
1979 Japan J Vet Sc Tokyo 41 (5) Oct 487-493 Wa
Babesia gibsoni, in vitro phagocytosis of parasitized and non-parasitized erythrocytes by normal or Babesia-immune monocytes incubated with normal or immune serum and by normal monocytes incubated with Babesia-immune lymphokines

Monocytes
McLeod R et al
1980 Cellular Immunol 54 (2) Sept 1 330-350 Wa
Toxoplasma gondii, in vitro effects of human peripheral blood monocytes, monocyte-derived macrophages, and spleen mononuclear phagocytes on parasites

Monocytes
Mantovani A et al
1981 Clin and Exper Immunol 46 (2) Nov 391-396 Wa
Trichomonas vaginalis, cytotoxicity of human peripheral blood monocytes against this parasite

Monocytes
Olds GR; et al
1981 J Immunol 127 (4) Oct 1538-1542 Wm
Schistosoma mansoni, influence of schistosomiasis and tuberculosis on capacity of human monocytes to kill schistosomula

Monocytes
Thorne KJI et al
1981 Parasitology 83 (1) Aug 115-123 Wa
Trypanosoma dionisii, trypomastigotes are less sensitive than epimastigotes to cytotoxic effect of peroxidase and hydrogen peroxide and are therefore susceptible to high concentrations of peroxidase found in phagosome of neutrophil but resist lower levels encountered in monocyte

Monocytes
Vernes A
1980 Lancet London (8207) 2 Dec 13 1297-1298 Wa
Plasmodium falciparum, phagocytosis of parasitised human erythrocytes by peripheral monocytes

Monocytes
Wilson CB; Remington JS
1979 J Infect Dis 140 (6) Dec 890-895 Wa
Toxoplasma gondii, human monocytes and granulocytes are active in restricting dissemination of parasites during acute infections

Morocco
Bailly-Choumara H; Morel PC; Rageau J
1976 Bull Inst Scient Univ Mohammed V 1 (1) 101-117 Wa
Ixodoidea, host-parasite lists, geographical distribution, review: Morocco

Morphogenesis See Development; Morphology

Morphology [See also Cytology; Dimorphism; Histology; Measurements; Polymorphism; Variation]

Morphology
Enigk K
1979 Berl u Munchen Tierarztl Wchnschr 92 (23) Dec 1 special no 491-497 Wa
endoparasites, domestic animals, structure of egg shell and resistance to disinfectants

Morphology, Acanthocephala
Amin OM; Redlin MJ
1980 System Parasitol 2 (1) Dec 9-20 Wa
Echinorhynchus salmonis in Coregonus hoyi and Osmerus mordax, worm sex and age and the host species (salmonid host vs. non-salmonid host) affected worm growth and morphological variability, anomalies; extreme variability in cement gland pattern and the implications for using this diagnostic character on the generic level

Morphology, Acanthocephala
Asaolu SO
1980 Parasitology 81 (2) Oct 433-446 Wa
Moniliformis dubius, morphology of female reproductive system, detailed description of efferent duct and ligament sacs

Morphology, Acanthocephala
Asaolu SO
1981 Parasitology 82 (2) Apr 297-309 Wa
Moniliformis dubius males, morphology of reproductive system

Morphology, Acanthocephala
Asaolu SO et al
1981 Parasitology 83 (1) Aug 23-32 Wa
Moniliformis dubius, development of ovarian balls, light and transmission electron microscopy

Morphology, Acanthocephala
Dunagan TT; Miller DM
1978 Proc Helminth Soc Washington 45 (2) July 256-257 Issued Aug 30 Wa
Archiacanthocephala, determination of dorsal and ventral surfaces in histological preparations, suggest the medial longitudinal channels be used for orientation

Morphology, Acanthocephala
Dunagan TT; Miller DM
1979 Proc Helminth Soc Washington 46 (1) Jan 106-114 Issued Mar 14 Wa
Macracanthorhynchus hirudinaceus males, genital ganglion and associated nerves, light and scanning electron microscopy

Morphology, Acanthocephala
Gleason LN; Huffman DG
1981 J Parasitol 67 (1) Feb 133-134 Wa
Pomphorhynchus bulbocolli hooks, meristogram analysis of collection from south-central Kentucky, implications for differentiation from P. rocci

Morphology, Acanthocephala
Hutton TL; Oetinger DF
1980 J Parasitol 66 (6) Dec 965-972 Issued May 6 1981 Wa
Moniliformis moniliformis, origin and development of proboscis hooks, ultrastructural observations

Morphology, Acanthocephala
Marchand B; Mattel X
1980 Compt Rend Soc Biol Paris 174 (5) 933-936 Wa
Pallisentis golvani, during spermiogenesis the plasmic membrane surrounding the flagellum forms a nucleocytoplasmic groove rather than a cytoplasmic canal

Morphology, Acanthocephala
Parshad VR; Crompton DWT; Martin J
1980 Parasitology 81 (2) Oct 423-431 Wa
Moniliformis dubius (? = M. moniliformis), surface morphology of ovarian balls from worms of different ages, scanning electron microscopy; preliminary observations on division process of ovarian balls from uninseminated and inseminated worms of known age, light microscopy

Morphology, Acanthocephala
Parshad VR; Guraya SS
1979 Internat J Invert Reprod 1 (4) Aug 263-266 Wa
Centrorhynchus corvi, seasonal testicular activity in relation to changes in host physiology and possible mode of infection

Morphology, Acanthocephala
Samuel G; Bullock WL
1981 J Parasitol 67 (2) Apr 214-217 Wa
Paratenuisentis ambiguus, life cycle and larval development in amphipod and eel hosts: Oyster River, Durham, New Hampshire

Morphology, Arthropoda
Amosova LI
1975 Parazitologiia Leningrad 9 (5) Sept-Oct 412-418 Wa
Hyalomma asiaticum nymphs, ultrafine structure of integument during starvation and feeding, electron microscopy

Morphology, Arthropoda
Ansari MS; Murad H
1981 Netherlands J Zool 31 (2) June 466-471 Wa
Hippobosca maculata, histomorphology of female reproductive organ

Morphology, Arthropoda
Axtell RC; LeFurgey A
1979 J Med Entom 16 (3) Oct 12 173-179 Wa
4 species of ixodid ticks, foveae dorsales and foveal glands compared in males and females, gross internal and external structure, scanning electron microscopy

Morphology, Arthropoda
Balashov IuS
1979 Entom Obozr 58 (3) 660-662 Wa
13 species of Argasidae nymphs and adults, ultrastructure of cuticle surface and chaetom of idiosoma, scanning electron microscopy

Morphology, Arthropoda
Balashov IuS; Raikhel AS
1975 Parazitologiia Leningrad 9 (3) May-June 252-259 Wa
Hyalomma asiaticum, excretory system of unfed females, electron microscopy

Morphology, Arthropoda
Barriere H; Litoux P; Faucheux M
1979 Ann Dermat et Venereol 106 (5) May 511-515 Wm
Dermacentor reticulatus, Demodex folliculorum, Pediculus, morphology, scanning electron microscopy

Morphology, Arthropoda
Berman EL; Carter HW; Brodkin R
1980 Scan Electron Micr (3) 517-522 Wa
Pthirus pubis, structure of eggs, hatching mechanism, light and scanning microscopy

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1979 Atti Accad Naz Lincei Roma s 8 Rendic Cl Sc Fis Mat e Nat 65 2 sem (3-4) Sept-Oct 1978 151-156 Wa
Parascaris univalens, P. equorum, karyotypes, chromosome morphology, electrophoretic study

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1981 J Helminth 55 (1) Mar 13-20 Wa
Onchocerca tarsicola in Rangifer tarandus (tibiotarsal and radiocarpal regions of limbs), rate and intensity of infection, differences between herds and age classes, parasite nodules and adult worms, connective tissue of nodules frequently infiltrated with Fibrocystis tarandi, difficulty of isolating adult worms from host tissue, occurrence of microfilariae, worm morphology: Finland

Morphology, Nematoda
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1980 Ann Parasitol 55 (4) July-Aug 427-443 Wa
Echinonema cinctum, synonymy, key, morphology of developmental stages, host cellular reactions

Morphology, Nematoda
Chauhan PPS; Pande BP
1981 Indian J Animal Sc 51 (4) Apr 439-445 Wa
Neoascaris vitulorum, bubaline and bovine strains, embryonic development of eggs up to infective stage, morphology of first- and second-stage larvae

Morphology, Nematoda
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1980 Internat J Parasitol 10 (3) June 227-233 Wa
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Morphology, Nematoda
Cliff GM; Anderson RC
1980 J Helminth 54 (2) June 135-146 Wa
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Morphology, Nematoda
Dissanaike AS; Mak JW
1980 J Helminth 54 (2) June 117-122 Wa
Wuchereria bancrofti (rural strain), successful experimental transmission to immunosuppressed Macaca fascicularis, description of worms

Morphology, Nematoda
Eberhard ML; Orihel TC
1981 J Parasitol 67 (4) Aug 556-564 Wa
Loa loa in experimental primate hosts, development from infective to adult stage, morphology, differences in growth rate between sexes

Morphology, Nematoda
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1978 Mem Inst Butantan 40-41 1976-1977 281-297 Issued July 3 Wa
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Morphology, Nematoda
Franz M
1980 Tropenmed u Parasitol 31 (2) June 149-164 Wa
Onchocerca volvulus males and females, cuticular morphology, scanning and transmission electron microscopy, variation of papillae at posterior end of male, no geographic differences in morphology could be proven: Liberia; Upper Volta; Tanzania; Guatemala

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filaria larvae type D, confirmation of light microscopic diagnosis and morphological criteria for differentiation from Onchocerca volvulus using scanning electron microscopy, larvae isolated from Simulium caught on man at Mayo Galke River near Tchollire in North Cameroon

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Morphology, Nematoda
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1981 J Parasitol 67 (5) Oct 647-655 Wa
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Morphology, Nematoda
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1981 Parasitology 83 (1) Aug 67-75 Wa
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1981 Exper Parasitol 51 (1) Feb 42-58 Wa
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1980 Bull Acad Vet France 133 n s 53 (1) Jan-Mar 99-105 Wa
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Morphology, Nematoda
Hugot JP
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1979 Veterinariia Moskva (7) July 46-47 Wa
Thelazia lacrymalis, developmental cycle, larval morphology

Morphology, Nematoda
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1979 Internat J Invert Reprod 1 (6) Dec 371-385 Wa
Trichuris muris, spermatogenesis, fine structure of spermatogonia

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1979 Cheiron 8 (3) Oct 168-170 Wa
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Morphology, Nematoda
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1977 Zool Jahrb Jena Abt Syst 104 (1) 20-71 Wa
mermithids, use of biological criteria for diagnosis among closely related species, morphology, systematics, biometry, host specificity

Morphology, Nematoda
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1980 J Parasitol 66 (1) Feb 75-81 Wa
Trichinella spiralis larvae and adults, surface morphology by scanning electron microscopy

Morphology, Nematoda
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Morphology, Nematoda
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1968 J Zool London 154 (1) Jan 9-18 Issued Jan 16 Wa
Nippostrongylus brasiliensis, ultrastructure of alimentary tract of infective (3rd) stage larvae, light and electron microscopy

Morphology, Nematoda
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1980 Parasitology 81 (1) Aug 27-33 Wa
Nematodirus battus, lambs, structure of parasite intestine, changes in structure during course of infection considered to have been initiated by immune response

Morphology, Nematoda
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1980 Proc Roy Soc London s B Biol Sc (1173) 208 July 17 409-414 Wa
Nematodirus battus, crystals found in intestine, electron microscope study of molecular structure, possible immunological significance (may be antibody-antigen complex)

Morphology, Nematoda
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1980 Proc Helminth Soc Washington 47 (1) Jan 55-62 Issued Feb 15 Wa
Dioctophyma renale 3rd and 5th (adult) stages, Eustrongylides spp. 4th and 5th stages, cephalic papillae described and compared, electron microscopy

Morphology, Nematoda
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Morphology, Nematoda
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1980 J Ultrastructure Research 70 (1) Jan 128-136 Wa
existence of 'blood-testis' barrier demonstrated in Dipetalonema dessetae

Morphology, Nematoda
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1978 Proc Helminth Soc Washington 45 (2) July 258-260 Issued Aug 30 Wa
Physaloptera felidis from Felis domesticus, description of head region, scanning electron microscopy: Provo, Utah

Morphology, Nematoda
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1980 Parasitology 81 (3) Dec 579-586 Wa
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Morphology, Nematoda
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1980 Parasitology 81 (3) Dec 587-592 Wa
Nematodirus battus, changes in structure of male worm reproductive system during rejection from lambs

Morphology, Nematoda
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1979 Bull Acad Vet France 132 n s 52 (3) Oct 367-374 Wa
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Morphology, Nematoda
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1979 Bull Soc Path Exot 72 (4) July-Aug 340-344 Wa
Dipetalonema viteae, scanning electron microscopy, integumental surface of larvae

Morphology, Nematoda
Moqbel R; McLaren DJ
1980 Exper Parasitol 49 (2) Apr 139-152 Wa
Strongyloides ratti, rats, changes in function, morphology, and ultrastructure of adult worms during course of primary and secondary infections

Morphology, Nematoda
Moqbel R; McLaren DJ; Wakelin D
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Morphology, Nematoda
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1979 J Invert Path 34 (3) Nov 310-311 Wa
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Morphology, Nematoda
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1979 Proc 37 Ann Meet Electron Microsc Soc America (San Antonio Texas Aug 13-17) 272-273 Wa
Capillaria hepatica, ova in livers of Neotoma floridana floridana, transmission and scanning electron microscopy

Morphology, Nematoda
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1981 Ann Parasitol 56 (1) 81-93 Wa
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Morphology, Nematoda
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1979 Proc Helminth Soc Washington 46 (1) Jan 15-20 Issued Mar 14 Wa
Parascaris equorum, horses, description of 4th-, molting 4th-, and early 5th-stage larvae, differentiation of stages and sexes, light and scanning electron microscopy

Morphology, Nematoda
Pilitt PA; Wightman SR
1979 Proc Helminth Soc Washington 46 (1) Jan 36-42 Issued Mar 14 Wa
Dentostomella translucida from Meriones unguiculatus (small intestine), redescription, scanning electron micrographs, variation from specimens described from Rhombomys opimus: Sinclair Comparative Medicine Research Farm, University of Missouri, Columbia, Missouri

Morphology, Nematoda
Quentin JC; Gunn T
1981 Ann Parasitol 56 (2) 167-172 Wa
Gongylonema soricis, adult and larval morphology

Morphology, Nematoda
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[1980] Ann Parasitol 54 (6) Nov-Dec 1979 637-644 Wa
Gongylonema mucronatum, life cycle, morphology of developmental stages

Morphology, Nematoda
Quentin JC; Verdier JM
[1980] Ann Parasitol 54 (6) Nov-Dec 1979 621-635 Wa
Maupasina weissi, life cycle, morphology of developmental stages, development of cephalic structures

Morphology, Nematoda
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1979 J Animal Morph and Physiol 26 (1-2) June-Dec 325-327 Issued Oct Wa
Aspiculuris pakistanica, cuticle, morphology

Morphology, Nematoda
Schulz-Key H; Jean B; Albiez EJ
1980 Tropenmed u Parasitol 31 (1) Mar 34-40 Wa
Onchocerca volvulus, females, observations on normal development, pathologically altered development, and reproduction, implications for drug trial evaluations

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1979 Acta Med Polona 20 (1) 41-42 Wm
Trichinella spiralis, ultrastructural localization of cytoplasmic phosphatases in intestinal form

Morphology, Nematoda
Smith JL
1980 J Parasitol 66 (2) Apr 333-336 Wa
Dipetalonema procyonis, redescription of adult, description of microfilaria: Louisiana

Morphology, Nematoda
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1977 Acta Med Okayama 31 (5) Oct 295-318 Wm
Brugia pahangi, microfilaria, ultrastructure

Morphology, Nematoda
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1981 Am J Trop Med and Hyg 30 (3) May 593-597 Wa
6 filarial species, use of aceto-orcein-stained squash preparations for enumeration of nuclei in microfilariae

Morphology, Nematoda
Tenora F et al
1981 Vestnik Ceskoslov Spolec Zool 45 (2) June 157-160 pls inside back cover Wa
Thominx aerophilus, ultrastructure of head, bacillary bands, spicule sheath, and egg shell surface

Morphology, Nematoda
Tenora F; Wiger R; Barus V
1978 Vestnik Ceskoslov Spolec Zool 42 (2) May 160-161 Wa
Heligmosomoides polygyrus, morphology of bursa copulatrix and body surface, scanning electron microscopy

Morphology, Nematoda
Tongu Y
1974 Acta Med Okayama 28 (3) June 219-242 Wm
Brugia malayi, microfilariae, fine structure of sheath, cuticle, muscle cells, excretory apparatus

Morphology, Nematoda
Valenzuela G et al
1980 Bol Chileno Parasitol 35 (1-2) Jan-June 29-30 Wm
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Morphology, Nematoda
Valenzuela G et al
1980 Bol Chileno Parasitol 35 (1-2) Jan-June 30-31 Wm
Marshallagia marshalli, lambs, morphology, dimensions of adult male specimens: Balmaceda, Chile

Morphology, Nematoda
Val'ter ED
1979 Biol Nauki Min Vyssh i Sredn Spetsial Obrazovan SSSR (191) (11) 52-58 Wa
Contracaecum osculatum, life cycle, morphology of 3rd stage larvae: White Sea

Morphology, Nematoda
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1980 Zool Jahrb Jena Abt Anat 103 (1) 62-72 Wa
Rhabditis strongyloides, external morphology, scanning electron microscopy

Morphology, Nematoda
Wagner G; Seitz KA
1981 Zool Jahrb Jena Abt Anat 105 (4) 571-602 Wa
Pelodera strongyloides adult males vs. females, functional morphology of digestive tract, light and electron microscopy

Morphology, Nematoda
Wilfred M; Lee DL
1981 Internat J Parasitol 11 (6) Dec 485-492 Wa
Bunostomum trigonocephalum, observations on buccal capsule and associated glands, possible role of various structures and enzymes during feeding

Morphology, Nematoda
Wouts WM
1980 J Nematol 12 (1) Jan 62-72 Wa
Neoaplectana bibionis, morphology, life cycle, redescription

Morphology, Nematoda
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1980 J Parasitol 66 (3) June 439-447 Wa
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Morphology, Nematoda
Zaman V; Dawkins HJS; Grove DI
1980 Southeast Asian J Trop Med and Pub Health 11 (2) June 212-219 Wa
Strongyloides ratti, Ancylostoma caninum, infective larvae, scanning electron microscopic comparisons of surface morphology and modes of penetration of newborn mouse skin

Morphology, Protozoa [See also Cytology, Protozoa]

Morphology, Protozoa
Abdel Ghaffar F et al
1979 Tropenmed u Parasitol 30 (4) Dec 434-438 Wa
Sarcocystis sp. from Camelus dromedarius (oesophagus and diaphragm muscles), ultrastructure of metrocytes, merozoites, and cyst wall: Egypt

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1981 J Protozool 28 (2) May 206-214 Wa
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Morphology, Protozoa
Armstrong DA; Burreson EM; Sparks AK
1981 J Invert Path 37 (2) Mar 201-209 Wa
Paranophrys sp. in Cancer magister (hemolymph and tissue), morphology, pathology: experimental facilities; caught in Yaquina Bay, Newport, Oregon

Morphology, Protozoa
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1980 Parasitology 81 (1) Aug 169-176 Wa
Minchinia chitonis, fine structure of spores

Morphology, Protozoa
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1981 Parasitology 82 (1) Feb 131-135 Wa
Eimeria maxima, structure and development of microgametocytes, scanning and transmission electron microscopy

Morphology, Protozoa
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1969 Folia Parasitol 16 (4) 289-295 Wa
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1981 Molec and Biochem Parasitol 3 (1) May 33-46 Wa
Leishmania SP48, L. tropica major, L. aethiopica, isolated from human cutaneous leishmaniasis, L. tarentolae as model organism, ultrastructure of promastigotes, ultrastructure of isolated kinetoplast DNA, buoyant density analysis of kinetoplast and nuclear DNA, application to identification and taxonomy

Morphology, Protozoa
Beaver PC; Maleckar JR
1981 J Parasitol 67 (2) Apr 241-256 Wa
Sarcocystis spp., morphology of developmental stages, viability of refrigerated sporocysts

Morphology, Protozoa
Benchimol M; Elias CA; de Souza W
1981 J Parsitol 67 (2) Apr 174-178 Wa
Tritrichomonas foetus, specializations in flagellar membrane

Morphology, Protozoa
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1980 J Parasitol 66 (6) Dec 941-947 Issued May 6 1981 Wa
Leishmania mexicana amazonensis, freeze-fracture study of plasma membrane of promastigotes

Morphology, Protozoa
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1980 Ang Parasitol 21 (1) Feb 1-6 Wa
Toxoplasma gondii in Oryctolagus cuniculus, acute outbreak, pathomorphology, electron microscopy, serological findings

Morphology, Protozoa
Bienen EJ; Hammadi E; Hill GC
1981 Exper Parasitol 51 (3) June 408-417 Wa
Trypanosoma brucei brucei, reproducible in vitro system for study of transformation of bloodstream- to procyclic-trypomastigotes, morphological changes, nutritional requirements, respiration

Morphology, Protozoa
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1980 J Path 132 (3) Nov 217-233 Wa
Cryptosporidium, morphological features of life cycle stages and fine structure pathology in human epithelial cells, light and electron microscopy; association with viral infection

Morphology, Protozoa
Box ED et al
1980 J Parasitol 66 (1) Feb 68-74 Wa
Sarcocystis sp. (passerine bird/opossum), sporocyst wall, phase microscopy, scanning and transmission electron microscopy; comments on classification of genus Isospora

Morphology, Protozoa
Box ED; Duszynski DW
1980 J Wildlife Dis 16 (2) Apr 209-215 Wa
Sarcocystis sp., presence of sexual stages in Didelphis virginiana after being fed muscle cysts from Molothrus ater and Cassidix mexicanis, description and development in small intestine

Morphology, Protozoa
Brugerolle G et al
1980 Ztschr Parasitenk 62 (1) 47-61 Wa
Spironucleus muris from normal and athymic mice (nat. and exper.), ultrastructure of trophozoites and cysts, intestinal lesions

Morphology, Protozoa
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1980 J Protozool 27 (1) Feb 122-128 Issued Apr 28 Wa
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Morphology, Protozoa
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1980 J Fish Dis 3 (4) July 317-338 Wa
Pleistophora typicalis, redescription, light and electron microscopy, host/parasite interface, development

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1980 J Fish Dis 3 (4) July 295-303 Wa
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Morphology, Protozoa
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Entamoeba histolytica, ultrastructural differences between trophozoites and precyst-like forms cultivated in vitro and those cultivated in intestinal mucosa of rabbits

Morphology, Protozoa
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Morphology, Protozoa
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Entamoeba histolytica, ultrastructural changes during immobilization in immune serum

Morphology, Protozoa
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1979 N Zealand Vet J 27 (10) Oct 204-206 Wa
2 morphologically distinct types of macrocyst in sheep carcass muscle, thin cyst (Sarcocystis medusiformis n. sp.) found to be separate species from fat cyst (S. gigantia), both successfully transmitted by cats, oesophageal macrocysts are apparently same species as fat cysts: New Zealand

Morphology, Protozoa
Colwell DD; Mahrt JL
1981 Ztschr Parasitenk 65 (3) 317-329 Wa
Sarcocystis from Alces alces (musculature), morphological comparison of 2 distinct types of cysts and their respective merozoites, electron microscopy: Alberta, Canada
"appears that two hitherto undescribed species of Sarcocystis are present in moose"

Morphology, Protozoa
Copland JW
1981 J Fish Dis 4 (3) May 231-242 Wa
Myxidium giardi, prevalence in wild and cultured Anguilla anguilla, description and distribution of trophozoites, first description of coelozoic trophozoite, apparent (host) age related pattern in organ location of histozoic trophozoite: England

Morphology, Protozoa
Croft SL; Chance ML; Gardener PJ
1980 Ann Trop Med and Parasitol 74 (6) Dec 585-589 Wa
Endotrypanum, 7 strains, ultrastructural and biochemical (nuclear and kinetoplast DNA buoyant density; enzyme electrophoresis) characterization, division into 2 taxonomic units but separation does not agree with original identification as E. schaudinni or E. monterogeii, stock isolated from Lutzomyia trapidoi was identified as Endotrypanum sp.

Morphology, Protozoa
Current WL
1980 J Protozool 27 (3) Aug 278-287 Issued Oct 9 Wa
Cryptobia sp., 2 populations (attached and free swimming) within spermatheca of Triadopsis multilineata, fine structure of attached flagellates and their mode of attachment to spermatheca, venereal mode of transmission suggested: Platte River near Louisville, Sarpy Co., Nebraska

Morphology, Protozoa
Current WL; Ernst JV; Benz GW
1981 J Parasitol 67 (2) Apr 204-213 Wa
Eimeria tuskegeensis in Sigmodon hispidus (exper.), endogenous stages

Morphology, Protozoa
Davies AJ
1980 Ztschr Parasitenk 62 (1) 31-38 Wa
Haemohormidium cotti from Cottus bubalis (erythrocytes), redescription, light and electron microscopy, taxonomic position: Aberystwyth; Porth Cwyfan

Morphology, Protozoa
Dei-Cas E et al
1980 Ann Parasitol 55 (6) Nov-Dec 621-633 Wa
Plasmodium inui in splenectomized Macaca fascicularis, morphology and infectivity of gametocytes, course of gametocytemia

Morphology, Protozoa
Dennig HK et al
1980 Berl u Munchen Tierarztl Wchnschr 93 (19) Oct 1 373-379 Wa
Babesia canis, B. gibsoni, morphology, epidemiology, symptoms, diagnosis, therapy, and prophylaxis, review: Federal Republic of Germany and West Berlin

Morphology, Protozoa
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1981 Compt Rend Acad Sc Paris 292 s III Sc Vie (9) Mar 2 627-632 Wm
Paramyxa paradoxa, development, ultrastructure, affinities with Marteiliidae

Morphology, Protozoa
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1980 J Parasitol 66 (4) Aug 601-612 Wa
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Morphology, Protozoa
Dubey JP; Speer CA; Douglass TG
[1981] J Protozool 27 (4) Nov 1980 380-387 Issued Mar 11 Wa
Sarcocystis cruzi, development and ultrastructure of first-generation meronts in calves fed sporocysts from coyote feces

Morphology, Protozoa
Duszynski DW et al
1981 Ztschr Parasitenk 65 (2) 131-136 Wa
Eimeria procyonis from Procyon lotor, fine structure of oocyst wall, excystation of sporozoites observed by light microscopy

Morphology, Protozoa
Ellis DS; Evans DA; Stamford S
1980 Ztschr Parasitenk 62 (1) 63-74 Wa
Trypanosoma rangeli, penetration of salivary glands of Rhodnius prolixus (exper.), ultrastructure of invasion process

Morphology, Protozoa
Ellis DS; Evans DA; Stamford S
1981 Ztschr Parasitenk 65 (3) 361-363 Wa
Trypanosoma brucei brucei in Glossina morsitans morsitans (salivary gland), arrangement of subpellicular tubules, electron microscopy

Morphology, Protozoa
Erber M; Geisel O
1981 Ztschr Parasitenk 65 (3) 283-291 Wa
Sarcocystis equicanis, S. fayeri, horses (muscles), abattoir survey, prevalence by host age group, isolation and differentiation of sarcocysts in fresh preparations and by histopathological examination, morphology, experimental infection in dogs, ponies subsequently infected showed no clinical signs but showed different developmental stages of both species of sarcocysts in muscles

Morphology, Protozoa
Ferguson DJP et al
1980 Ztschr Parasitenk 63 (3) 289-291 Wa
Cystoisospora felis, cat (small intestine), asexual multiplication by endodyogeny within epithelial cells, ultrastructure

Morphology, Protozoa
Ferguson HW
1979 J Fish Dis 2 (1) Jan 57-67 Wa
Hexamita salmonis, ultrastructure; mortalities in fry of Salmo gairdneri, no pathological changes in epithelial cells of pyloric caeca or upper intestine, no invasion of epithelium although examples of shrinkage necrosis (apoptotic bodies) of epithelial cells were often found; treatment of fish with furazolidone greatly reduced mortalities: northern Irish fish farm

Morphology, Protozoa
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1977 Arch Invest Med 8 (3) 199-208 Wm
Entamoeba histolytica, strains cultured in axenic and monoxenic conditions, qualitative X-ray spectroscopical analysis of trophozoite nuclei, composition of refractive intranuclear bodies did not change with culture conditions or composition of culture media

Morphology, Protozoa
Feria-Velasco A; Tapia-Arizmendi G; Gonzalez-Del Pliego M
1980 Arch Invest Med 11 (4) 461-475 Wm
Entamoeba histolytica, external trophozoite surfaces studied with scanning electron microscopy and high resolution cytochemical techniques oriented to label elements with surface electric charges, no differences between strains or with culture conditions employed

Morphology, Protozoa
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Morphology, Protozoa
Garcia Fernandez P
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 341-351 Wa
Babesia spp., bovine, comparison of morphological differences, good criteria for clinical diagnosis

Morphology, Protozoa
Gardiner PR et al
1980 J Protozool 27 (2) May 182-185 Issued July 17 Wa
Trypanosoma brucei infective forms produced in tsetse fly salivary gland culture system, structure, method for separation using DEAE-cellulose column chromatography

Morphology, Protozoa
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1979 Acta Trop 36 (4) Dec 323-334 Wa
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Morphology, Protozoa
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1980 J Parasitol 66 (4) Aug 652-658 Wa
Haemoproteus meleagridis, redescription, developmental morphology of gametocytes, gametogenesis: Florida; Georgia

Morphology, Protozoa
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Morphology, Protozoa
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1981 J Ultrastructure Research 74 (2) Feb 131-143 Wa
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Morphology, Protozoa
Hausmann K; Hausmann E
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Trichodina pediculus, adhesive disc, fine structure with particular reference to mode of function

Morphology, Protozoa
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Morphology, Protozoa
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Trichomonas vaginalis in mammalian cell cultures, light and electron microscopic study, parasites adhered to epithelial cells, developed an amoeboid morphology, and crawled over and under monolayer of cells, possibly important mechanisms of injury to host epithelium

Morphology, Protozoa
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Trypanosoma brucei subgroup and other trypanosomes, morphometric differentiations, possible applications to study of cell biology, physiology, and pathologic effects, general review

Morphology, Protozoa
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1980 Ztschr Parasitenk 64 (1) 29-46 Wa
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Morphology, Protozoa
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Morphology, Protozoa
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1980 J Protozool 27 (3) Aug 260-267 Issued Oct 9 Wa
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Morphology, Protozoa
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Giardia spp., ventral sucking disk cytoskeleton, arrangement of subunits in isolated microribbons

Morphology, Protozoa
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Morphology, Protozoa
Huether AM
1981 Tropenmed u Parasitol 32 (1) Mar 51-54 Wa
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Morphology, Protozoa
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1980 Ann Trop Med and Parasitol 74 (4) Aug 427-437 Wa
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Morphology, Protozoa
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Morphology, Protozoa
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Morphology, Protozoa
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1981 J Protozool 28 (3) Aug 313-316 Wa
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Morphology, Protozoa
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Giardia lamblia, trophozoites, fine structure

Morphology, Protozoa
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Sarcocystis ovifelis, cysts and cyst stages (merozoites), morphology, cytochemistry

Morphology, Protozoa
Kazakauskaite IaS; Sidorenko NV
1980 Tsitologiia 22 (10) Oct 1163-1169 Wa
Sarcocystis ovifelis, cysts, ultrastructure, 3 morphologically different cell types distinguished (metrocytes, merozoites, interstitial cells)

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1980 J Parasitol 66 (2) Apr 324-328 Wa
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Morphology, Protozoa
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1979 Proc Electron Microsc Soc South Africa 9 115-116 Wa
Trichomonas hominis, ultrastructural study, electron microscopy

Morphology, Protozoa
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1980 Parasitology 80 (1) Feb 163-169 Wa
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Morphology, Protozoa
Lewis D et al
1980 Parasitology 81 (1) Aug 145-155 Wa
Babesia divergens, human and bovine strains from Drumnadrochit, Scotland, isolation and characterization, morphometric analysis, reactions of splenectomized calves to infection with the 2 strains

Morphology, Protozoa
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Trypanosoma cobitis in Hemiclepsis marginata, ultrastructure of epimastigotes, presence of bacteria-like bodies in cytoplasm

Morphology, Protozoa
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1980 J Ultrastructure Research 72 (2) Aug 200-205 Wa
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Morphology, Protozoa
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1980 J Parasitol 66 (5) Oct 771-779 Wa
Isospora suis, endogenous development in piglets (exper.)

Morphology, Protozoa
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1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (2) 105-108 Wa
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Morphology, Protozoa
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1980 J Protozool 27 (2) May 155-159 Issued July 17 Wa
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Morphology, Protozoa
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1979 Tung Wu Hsueh Pao (Acta Zool Sinica) 25 (4) Dec 320-328 Wa
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Morphology, Protozoa
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1980 Applied and Environment Microbiol 40 (4) Oct 821-832 Wa
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Blastocystis hominis in Macaca nemestrina, chronic diarrhea, cytologic and ultrastructural features comparable to similar organisms reported from man, case report

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Myxobolus niloticus, ultrastructure, electron microscopy

Morphology, Protozoa
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Morphology, Protozoa
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1978 J Wildlife Dis 14 (1) Jan 11-14 Wa
Trypanosoma xeri in Xerus erythropus (blood, liver), measurements, description of multiplication stages in liver, tentative developmental cycle presented: central Sudan

Morphology, Protozoa
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Actinocephalus dujardini, epimerite, ultrastructure

Morphology, Protozoa
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1981 Bull Inst Pasteur Paris 79 (2) 171-205 Wa
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Morphology, Protozoa
Martinez Fernandez A et al
1970 Rev Iber Parasitol 30 (2-3) Apr-Sept 299-310 Wa
Eimeria spp. from rabbits morphologically near E. perforans, biometric and statistical study, pleomorphism observed; E. lugdunumensis, E. nagpurensis, and E. perforans cannot be differentiated solely upon their oocyst morphology

Morphology, Protozoa
Martinucci G; Crespi P
1979 Boll Zool 46 (1-2) 23-39 Wa
Apolocystis sp. trophozoite in Octolasium transpadanum, light and transmission electron microscopy, life cycle, locomotion, endocytosis; role of ultrastructure in monocystid diagnosis

Morphology, Protozoa
Mattern CFT; Daniel WA
[1981] J Protozool 27 (4) Nov 1980 435-439
Issued Mar 11 Wa
Tritrichomonas muris, pseudocysts, ultrastructure, excretion in feces of hamster mothers, probable role in infection of newborn hamsters

Morphology, Protozoa
Matthews DM et al
1979 Am J Vet Research 40 (5) May 623-629 Wa
Trypanosoma theileri, cattle (nat. and exper.), prevalence, course of chronic infection, morphology of bloodstream trypomastigotes vs. chicken embryo culture forms; redescription: Wyoming

Morphology, Protozoa
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1977 J Wildlife Dis 13 (1) Jan 33-39 LauP
Trypanosoma cervi in Odocoileus hemionus, identification on basis of morphometric analysis and cross transmission studies with T. theileri in bovines, elk, and mule deer

Morphology, Protozoa
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1979 Tropenmed u Parasitol 30 (3) Sept 289-300
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Blastocrithidia triatomae, developmental stages in Triatoma infestans, electron microscopy, differentiation from Trypanosoma cruzi, 3 main forms of parasite as well as cyst-like bodies observed

Morphology, Protozoa
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1980 J Parasitol 66 (1) Feb 59-67 Wa
Toxoplasma gondii, Sarcocystis muris, Hammondia hammondi, ultrastructural comparison of cysts and zoites in skeletal muscle of mice

Morphology, Protozoa
Mehlhorn H; Schein E; Voigt WP
1980 J Parasitol 66 (2) Apr 220-228 Wa
Babesia canis, developmental stages within gut of Dermacentor reticulatus, light and electron microscopy; proposed hypothetical life cycle of Babesia species

Morphology, Protozoa
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1978 Acta Trop 35 (2) June 123-136 Wa
Theileria parva, development of kinetes in gut of Rhipicephalus appendiculatus, electron microscopy

Morphology, Protozoa
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1981 Parasitology 82 (2) Apr 195-204 Wa
Plasmodium berghei, immature exo-erythrocytic forms in rat hepatocytes at stages between 25 and 51 hours of development, ultrastructure, new method to localize parasites in small portion of liver

Morphology, Protozoa
Minami T et al
1980 National Inst Animal Health Quart Tokyo 20 (2) Summer 44-52 Wa
Theileria sergenti, comparison of Japanese and Russian strains in cattle: morphology, clinical and hematologic findings, transmission by Haemaphysalis longicornis, serology in complement fixation and indirect fluorescent antibody tests

Morphology, Protozoa
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1980 Ztschr Parasitenk 62 (2) 165-178 Wa
Klossia helicina, merogony in snail kidney tissue cultures, ultrastructure of meronts and merozoites

Morphology, Protozoa
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Leptomonas spp. of Siphonaptera, ultrastructure of candidate 'cysts'

Morphology, Protozoa
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1978 Acta Trop 35 (4) Dec 319-328 Wa
Trypanosoma melophagium in Melophagus ovinus, scanning electron microscopy of parasites and of insect gut wall surfaces, method of attachment and relationship of parasites to host surfaces

Morphology, Protozoa
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1979 Bull Soc Sc Vet et Med Comp Lyon 81 (5) 255-261 Wa
Babesia canis, in vitro culture, ultrastructure

Morphology, Protozoa
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Trypanosoma (Schizotrypanum) spp. derived from bats or Chagasic patients, kinetoplasts, comparative ultrastructure, typical configuration of kDNA makes it possible to distinguish between trypanosomes of Schizotrypanum subgenus and other trypanosomes, but it is not sufficient for characterizing species of that subgenus

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Mueller BEG; Desser SS; Haberkorn A
1981 J Parasitol 67 (4) Aug 487-495 Wa
Eimeria contorta in rat intestinal epithelial cells, ultrastructure of developing gamonts with emphasis on host-parasite interface

Morphology, Protozoa
Mukherjee M; Haldar DP
1981 Arch Protistenk 124 (1-2) 29-35 Wa
Myxobolus punctatus, variations in spore morphology due to invasion in different organs of Ophicephalus punctatus, creation of new species based on these variations in same host not recommended

Morphology, Protozoa
Munday BL; Smith DD; Frenkel JK
1980 J Wildlife Dis 16 (2) Apr 201-204 Wa
Sarcocystis cuniculi, presence of sarcocysts in Oryctolagus cuniculus after dosing with cat-derived sporocysts, subsequent transmission to cats, infected rabbit muscle did not infect other rabbits, cat confirmed as definitive host; morphological comparison of O. cuniculi sarcocysts with those from Sylvilagus floridanus, latter sarcocysts retained as Sarcocystis leporum until more definitive data are available

Morphology, Protozoa
Musisi FL et al
1981 Ztschr Parasitenk 65 (1) 31-41 Wa
Theileria spp. in cultured bovine lymphoblastoid cells, fine structural relationships between macroschizonts and developing lymphoblasts, host cell mitosis

Morphology, Protozoa
Nantulya VM; Doyle JJ; Jenni L
1978 Acta Trop 35 (4) Dec 329-337 Wa
Trypanosoma congolense, cloned and uncloned derivatives of 3 recent field isolates, pleomorphism of bloodstream forms during course of first parasitaemic wave in mice, pleomorphism occurred both in normal and lethally irradiated mice even when infection was initiated using single organism, morphological types differed in their infectivity for mice

Morphology, Protozoa
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1981 Parasitology 83 (2) Oct 269-279 Wa
Eimeria acervulina, E. mivati, 3 strains of each species, comparison of oocyst shape and measurements, life-cycles, and ability to develop in chicken embryo

Morphology, Protozoa
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Trypanosoma brucei, fine structure of metacyclic forms grown in continuous culture, implications for metabolism

Morphology, Protozoa
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[1975] Bull Soc Zool France 99 (4) 1974 545-549 Issued Feb 28 Wa
Grasseella microcosmi, ultrastructural study showing presence of schizogony in life-cycle, electron microscopy

Morphology, Protozoa
Owen RL
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 429-433 Wa
Giardia lamblia, G. muris, ultrastructural basis of function

Morphology, Protozoa
Paterson WB; Desser SS
1981 J Parasitol 67 (3) June 314-324 Wa
Eimeria iroquoina in Pimephales promelas, ultrastructural study of microgametogenesis and microgamete

Morphology, Protozoa
Paterson WB; Desser SS
1981 J Parasitol 67 (4) Aug 496-504 Wa
Eimeria iroquoina in Pimephales promelas (exper.), ultrastructure of macrogametogenesis, macrogametes, and young oocysts

Morphology, Protozoa
Paterson WB; Desser SS
1981 J Protozool 28 (3) Aug 302-308 Wa
Eimeria iroquoina in Pimephales promelas (exper.), ultrastructure of merogony

Morphology, Protozoa
Pinnolis M et al
1981 Arch Ophth 99 (6) June 1044-1047 Wa
Nosema sp., woman, corneal ulcer, case report and electron microscopic presentation: Botswana, Africa

Morphology, Protozoa
Pittilo RM; Ball SJ
1980 Parasitology 81 (1) Aug 115-122 Wa
Eimeria maxima, ultrastructural development of oocyst wall

Morphology, Protozoa
Poelzl J
1978 Wien Med Wchnschr 128 suppl 53 1-10 Wm
Trichomonas vaginalis, round forms, diagnosis, staining and phase contrast

Morphology, Protozoa
Porchet E; Richard A; Ferreira E
1981 J Protozool 28 (2) May 228-239 Wa
Aggregata eberthi, mechanism of host invasion in vivo (in the crab) and in vitro (in mollusc cell cultures), ultrastructural study, implications for mechanism of host specificity

Morphology, Protozoa
Postell FJ; McGhee RB
1981 J Protozool 28 (1) Feb 78-83 Issued June 18 Wa
Phytomonas davidi from plant host, from insect vector, and from culture medium, ultrastructure

Morphology, Protozoa
Powell HC et al
1978 Acta Neuropath Berlin 41 (3) Mar 211-216 Wm
Toxoplasma gondii, man, involvement of central nervous system, fine structure of pathologic changes; parasite fine structure and reproductive mechanisms

Morphology, Protozoa
Purnell RE et al
1981 Parasitology 83 (2) Oct 347-356 Wa
Babesia sp. isolated from sheep, pathognomic, serologic, and morphometric identity, concluded that parasite was likely to be B. capreoli derived from red deer via Ixodes ricinus: Argyllshire, Scotland

Morphology, Protozoa
Rausch M; Grunewald J
1980 Ztschr Parasitenk 63 (1) 1-11 Wa
Microsporidia of simuliid larvae, surface structures of spores, light and scanning electron microscopy: Schonbuch, near Tubingen, South Germany

Morphology, Protozoa
Ribaux CL; Magloire H
1980 J Biol Buccale 8 (3) Sept 213-228 Wm
Trichomonas tenax, ultrastructural study of flagella, intra-cellular distribution and metabolism of acid phosphatase

Morphology, Protozoa
Rowton ED; Lushbaugh WB; McGhee RB
1981 J Protozool 28 (3) Aug 297-301 Wa
Herpetomonas ampelophilae, ultrastructure of flagellar apparatus and attachment in gut and malpighian tubules of Drosophila melanogaster

Morphology, Protozoa
Rudzinska MA et al
1979 Canad J Zool 57 (2) Feb 424-434 Wa
Babesia microti, intraerythrocytic 'gametocytes' and their maturation in Ixodes sp. near scapularis, electron microscopic study of possible cell fusion

Morphology, Protozoa
Saanen CV
1980 Ann Parasitol 55 (6) Nov-Dec 645-657 Wa
Naegleria, Acanthamoeba, external morphology of cysts, scanning electron microscopy

Morphology, Protozoa
Schaub GA; Pretsch M
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 168-171 Wa
Blastocrithidia triatomae. excystment, ultrastructural studies

Morphology, Protozoa
Schein E; Mehlhorn H; Voigt WP
1979 J Invert Path 34 (2) Sept 229-241 Wa
Babesia canis, ultrastructure and development in salivary glands of Dermacentor reticulatus, comparison with B. bovis, B. bigemina, and Theileria species, light- and electron microscopy

Morphology, Protozoa
Scholtyseck E; Abdel Ghaffar F
1981 Ztschr Parasitenk 65 (1) 117-120 Wa
Eimeria falciformis, fine structural analysis of different developmental stages in Mus musculus, presence of two refractile bodies in merozoites may indicate that large refractile body of schizont is incorporated into these merozoites

Morphology, Protozoa
Scholtyseck E; Entzeroth R; Pellerdy L
1979 Acta Vet Budapest 27 (4) 365-373 Wa
Eimeria steidai from Oryctolagus cuniculus infecting Lepus europaeus, development, light and electron microscopy

Morphology, Protozoa
Schupp E et al
1980 Ztschr Parasitenk 62 (3) 213-230 Wa
Trypanosoma brucei, ultrastructural changes during deep-freeze storage related to impairments in motility and infectivity

Morphology, Protozoa
Seagrave C; Bucke D; Alderman D
1980 Fish Dis 3 COPRAQ Sess 174-181 Wa
Marteilia, similarity to organism causing proliferative kidney disease of fish, development and ultrastructure compared

Morphology, Protozoa
Seagrave CP; Bucke D; Alderman DJ
1980 J Fish Biol 16 (4) Apr 453-459 Wa
haplosporean-like organism (PKX) similar to Marteilia [sp.] in Salmo gairdneri, ultrastructure; possible causative agent of proliferative kidney disease

Morphology, Protozoa
Sela Perez MC
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 601-610 Wa
Sarcocystis gigantea, life cycle, cat (exper.), morphology of cysts, and endozoites from muscle fibres of sheep

Morphology, Protozoa
Sherman IW
1979 Microbiol Rev 43 (4) Dec 453-495 Wa
Plasmodium, life cycle, biochemical determinants of parasite specificity for host cells, morphology and growth of blood stages, morphological alterations of infected cells, membrane structure and function in malaria, metabolic pathways (carbohydrate transport and metabolism; nucleic acids; protein synthesis; lipid biosynthesis; vitamins and cofactors; cation alterations), review

Morphology, Protozoa
Sibert GJ; Speer CA
[1981] J Protozool 27 (4) Nov 1980 374-379
Issued Mar 11 Wa
Eimeria nieschulzi, mature macrogamonts, zygotes and oocyst wall formation, mature oocysts, fine structure

Morphology, Protozoa
Silard R
1979 Arch Roumaines Path Exper et Microbiol 38 (1) Jan-Mar 105-114 Wa
Blastocystis hominis, morphological alterations during course of life cycle, during mixed infections, after treatment with metronidazole, or under unfavorable experimental conditions

Morphology, Protozoa
Silard R et al
1979 Arch Roumaines Path Exper et Microbiol 38 (3-4) July-Dec 359-372 Wa
Dientamoeba fragilis, humans (feces), isolation from pathogen enterobacteria negative clinical cases, mixed infections, differential diagnosis from other intestinal protozoa, morphology, clinical aspects, metronidazole and tetracycline treatment: Romania

Morphology, Protozoa
Simpson CF; Mayhew IG
1980 J Protozool 27 (3) Aug 288-292 Issued Oct 9 Wa
Sarcocystis sp. tentatively identified in horses (extracellular spaces or cells of spinal cords, brain), ultrastructure, may be etiologic agent of equine protozoal myeloencephalitis, presence of parasites in cytoplasm of tissue and circulating neutrophils suggests hematogenous phase of infection: Florida

Morphology, Protozoa
Solov'ev MM
1975 Parazitologiia Leningrad 9 (5) Sept-Oct 449-456 Wa
Lamblia spp. of mammals, measurements of mature trophozoites with medial bodies, biometrical indices specific for each species studied, taxonomy of Lamblia discussed

Morphology, Protozoa
Souto-Padron T et al
1980 Ztschr Parasitenk 62 (2) 127-143 Wa
Leptomonas samueli, promastigotes, fine structure, cytochemistry

Morphology, Protozoa
Souto-Padron T et al
1980 Ztschr Parasitenk 62 (2) 145-157 Wa
Leptomonas samueli, promastigotes, fine structure studied by freeze-fracture technique

Morphology, Protozoa
de Souza W; Chiari E
1977 Rev Brasil Biol 37 (3) Aug 671-675 Wa
Trypanosoma cruzi, trypomastigote isolated from acellular culture by passage in column, fine structure

Morphology, Protozoa
de Souza W; Souto-Padron T
1980 J Parasitol 66 (2) Apr 229-235 Wa
Trypanosomatidae spp., flagellum, fine structure and cytochemistry, paraxial structure

Morphology, Protozoa
Stahr BJ; Walzer PD; Yoneda K
1981 J Parasitol 67 (2) Apr 196-203 Wa
Pneumocystis carinii, effects of trypsin vs. pronase on morphology and antigenic properties of cyst form, light and transmission electron microscopy, immunofluorescence, data suggest that antigenic determinants of cysts reside in cell walls

Morphology, Protozoa
Takvorian PM; Cali A
1981 J Fish Biol 18 (4) Apr 491-501 Wa
Glugea stephani in Pseudopleuronectes americanus (intestinal tract), prevalence, month and year, fish size, average monthly water temperature, light and electron microscopy of cysts; review of literature on this species: New York-New Jersey lower bay complex

Morphology, Protozoa
Tanner M et al
1980 Parasitology 80 (2) Apr 383-391 Wa
Trypanosoma brucei isolated from lymph nodes vs. blood of rats, morphologic and antigenic differences

Morphology, Protozoa
Thomas EM et al
1981 Exper Parasitol 51 (3) June 366-372 Wa
Herpetomonas samuelpessoai, lidocaine induces changes in cell shape and motility, induces formation of membrane-bound cytoplasmic vacuoles, and induces differentiation of promastigote into opisthomastigote via paramastigote

Morphology, Protozoa
Tinling SP; et al
1980 J Parasitol 66 (3) June 458-465 Wa
Sarcocystis fayeri, horse, light and electron microscopy of sarcocysts; pathologic changes in muscles seemed too modest to explain fully severe muscular weakness

Morphology, Protozoa
Todorovic RA; Wagner GG; Kopf M
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Museums [See also Collections]

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Mutations See Genetics

Myeloencephalitis See Encephalomyelitis

Myositis See Muscles

Native immunity See Immunity, Native; Resistance, Host

Natural immunity See Immunity, Native; Resistance, Host

Natural killer cells See Killer cells

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Nephritis See Kidney

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Nervous system, Parasite
Pan SC
1980 J Invert Path 36 (3) Nov 307-372 Wa
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Nervous system, Parasite
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Nervous system, Parasite
Venkatanarsaiah J
1981 Parasitology 82 (2) Apr 241-244 Wa
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Nervous system, Parasite
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Neutrophils [See also Granulocytes; Leukocytes]

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1980 J Immunol 124 (3) Mar 1122-1129 Wm
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1980 Infect and Immun 28 (3) June 824-831 Wm
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Neutrophils
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Neutrophils
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1981 Indian J Med Research 73 Suppl Jan 97-106 Wa
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Neutrophils
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1981 J Infect Dis 143 (1) Jan 83-93 Wa
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Neutrophils
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1981 Clin and Exper Immunol 45 (3) Sept 633-641 Wa
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Nutrition See Diet and nutrition

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Omentum See Peritoneum

Ontario See Canada, Ontario

Ontogeny See Development

Oogenesis See Gametogenesis

Osmosis [See also Absorption; Permeation]

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Ovary See Gonads

Overwintering [See also Climate and weather; Hibernation; Seasonal distribution; Survival and viability; Temperature]

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Overwintering
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Romanomermis culicivorax, field releases and possible natural occurrence in mosquito breeding areas, percent parasitism and mosquito mortality, overwintering, unsuccessful attempt to infect Simulium vittatum, compatibility with malathion and altocid but not abate: Maryland

Overwintering
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Oviposition See Reproduction

Ovum See Eggs; Gametes

Oxidation-reduction See Metabolism; Respiration

Oxygen [See also Respiration]

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Oxygen
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Nematospiroides dubius, Trichostrongylus colubriformis, males vs. females, adenosine nucleotide and adenylate energy charge values of worms maintained in vitro under aerated vs. under near-anoxic conditions

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parasitic infections, school children, and those visiting dispensary at Peshawar University: Peshawar

Palaeontology See Parasitology, History

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1981 J Am Vet Med Ass 178 (1) Jan 1 58-60 Wa
Eurytrema procyonis, domestic cats (pancreas), rate of infection, functional and histologic pathology: St. Louis, Mo

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The parasites of the Purari people of Gulf Province, Papua New Guinea

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Paralysis, Tick See Tick paralysis in Part 5, Arthropoda and Miscellaneous phyla

Parasite surfaces [See also Cuticle; Integument; Membranes; Tegument]

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Fasciola gigantica, Senegalese strain, ciliated cells and argentophilic structures of miracidium, emission and chaetotaxy of cercaria, ability of cercariae to encyst on surface of water, epidemiological implications

Parasite surfaces
Albaret JL et al
1981 Ann Parasitol 56 (2) 147-154 Wa
Paramphistomum phillerouxi, miracidium, cercaria, superficial argentophilic structures

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Brugia pahangi, development of surface features from 3rd stage to adult worm, scanning electron microscopy

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Trypanosoma cruzi, qualitative and quantitative variations of carbohydrate determinants on cell surface of 3 developmental stages of 3 parasite strains demonstrated by using lectins with different specificities, results suggest that lectin binding may be useful in characterization of parasite strains

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1981 Scand J Immunol 13 (5) 473-481 Wa
Entamoeba histolytica, fate of antibodies after binding to cell surface

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Ball SJ et al
1981 Parasitology 82 (1) Feb 131-135 Wa
Eimeria maxima, structure and development of microgametocytes, scanning and transmission electron microscopy

Parasite surfaces
Bayssade-Dufour C
[1980] Ann Parasitol 54 (6) Nov-Dec 1979 593-614 Wa
Schistosoma mansoni, pattern of cercarial chaetotaxy varies between African and American strains and between human and murine strains, adaptation of human strain to white mice, possible clinical and epidemiological implications with emphasis on situation in Guadeloupe

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1980 Ann Parasitol 55 (2) Mar-Apr 249-252 Wa
Schistosoma intercalatum, superficial argentophilic structures of miracidium and cercaria

Parasite surfaces
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Fasciola hepatica, ciliated cells and argentophilic structures of miracidium, chaetotoxy of daughter redia and cercaria, comparison with F. gigantica

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1981 J Protozool 28 (3) Aug 337-341 Wa
Tritrichomonas foetus, cell surface carbohydrates

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Entamoeba histolytica, review of some characteristics of plasma membrane that are possibly related to parasite's pathogenicity: distribution of membrane intercalated particles and concanavalin A induced agglutination; endocytosis; surface charge; contact lysis and intracellular toxins; lectin-activity of amoebic extracts

Parasite surfaces
Box ED et al
1980 J Parasitol 66 (1) Feb 68-74 Wa
Sarcocystis sp. (passerine bird/opossum), sporocyst wall, phase microscopy, scanning and transmission electron microscopy; comments on classification of genus Isospora

Parasite surfaces
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Transversotrema patialense, egg capsule, scanning and transmission electron microscopy, thread-like extensions trap bacteria and detritus against egg capsule surface

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Parasite surfaces
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Toxoplasma gondii, immuno-electron microscopic localization of antigenic sites for specific IgG and IgM on parasite surface, possible practical application

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Trypanosoma cruzi, concanavalin A receptors on cell membrane

Parasite surfaces
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Ascaris suum, egg-shell permeability and hatching

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Trypanosoma cruzi, overall chemical composition of epimastigote plasma membrane, surface glycoproteins, binding of host proteins to surface, attempts to discriminate between adhesion and penetration to in vitro cultured mammalian cells, review

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Crabtree JE; Wilson RA
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Schistosoma mansoni, developing schistosomulum, scanning electron microscopy

Parasite surfaces
Crites JL; Jilek R
1981 Ohio J Sc 81 (3) May 120-124 Wa
Hasstilesia tricolor, surface topography, tegumentary spination, spines aid in holding the trematode in its tissue site, scanning electron microscopy

Parasite surfaces
Diffley P et al
1980 J Parasitol 66 (2) Apr 185-191 Wa
Trypanosoma brucei brucei, rats, mice, detection and quantification of variant specific antigen in plasma, results extend observation that salivarian trypanosomes shed surface coat material during course of infection

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Schistosoma mansoni, isolation and characterization of surface antigens from schistosomula

Parasite surfaces
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Leishmania donovani, variance in infectivity of promastigotes cultured for 3 vs. 10 days in vitro before inoculation into hamsters, biochemical (enzyme analysis, lectin analysis) and immunological correlates of infectivity

Parasite surfaces
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Fasciola hepatica, interaction in vitro between juvenile flukes and bovine immunoglobulins directed against fluke outer glycocalyx, indirect fluorescent antibody assay

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Archiacanthocephala, determination of dorsal and ventral surfaces in histological preparations, suggest the medial longitudinal channels be used for orientation

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1981 J Immunol 127 (1) July 212-217 Wm
Plasmodium knowlesi, monoclonal antibodies against specific surface determinant on merozoites block erythrocyte invasion

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Hymenolepis nana, hatched and unhatched oncospheres, fine structure of embryonic envelopes, transmission and scanning electron microscopy, light microscope histochemistry, modifications from basic cyclophyllidean pattern can be related to demands of 'direct' life-cycle

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Entamoeba histolytica, external trophozoite surfaces studied with scanning electron microscopy and high resolution cytochemical techniques oriented to label elements with surface electric charges, no differences between strains or with culture conditions employed

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Crithidia fasciculata, concanavalin A receptors of surface membrane

Parasite surfaces
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Wuchereria bancrofti, microfilariae from Liberian man, 1st-, 2nd-, and 3rd-stage larvae from vector, and 4th-stage larvae from experimental rodent hosts, surface structures, scanning electron microscopy

Parasite surfaces
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1980 J Parasitol 66 (6) Dec 973-984 Issued May 6 1981 Wa
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Pathogenicity [See also Infectivity]

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Pathogenicity
Handman E; Mitchell GF; Goding JW
1981 J Immunol 126 (2) Feb 508-512 Wm
Leishmania tropica, identification and characterization of antigens, protein and immunoprecipitate patterns of 4 isolates analyzed by 2 dimensional gel electrophoresis, significance of findings for classification of Leishmania spp. and pathogenesis of different disease states that they cause

Pathogenicity
Handman E; Remington JS
1980 Infect and Immun 29 (1) July 215-220 Wa
Toxoplasma gondii, mice infected with strains of different virulence, sequence of antibody response to parasite surface antigens

Pathogenicity
Hashemi-Fesharki R; Uilenberg G
1981 Vet Quart 3 (1) Jan 1-8 Wa
Babesia crassa n. sp., sheep, goat, serological and morphological comparisons with B. motasi and B. ovis, low pathogenicity

Pathogenicity
Hernandez AG et al
1981 Biochem Parasites (Slutzky) 47-65 Wa
Leishmania braziliensis, cell surface properties, differences between amastigotes and promastigotes and between pathogenic and non-pathogenic strain; kinetics of production and secretion of leishmanial metabolic products, biochemical and chemical characteristics of secreted material, cellular processes that accompany its exclusion from cell's interior

Pathogenicity
Ishaq M; Padma MC
1980 Ann Trop Med and Parasitol 74 (3) June 373-375 Wa
Entamoeba histolytica, antigenic variations among virulent strains, antigenic relationships between the strains

Pathogenicity
Jeffers TK; Bentley EJ
1980 Poultry Science 59 (8) Aug 1731-1735 Wa
Eimeria meleagrimitis field isolate, turkeys, experimental development of monensin resistance through selection, degree of cross-resistance to lasalocid and narasin, suggestion of reduced pathogenicity of selected strain

Pathogenicity
Karr SL jr; Wong MM
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 127-128 Wa
Naegleria fowleri HB-1 strain, susceptibility of inbred mice to intranasal infection with high and low virulence isolates

Pathogenicity
Keymer AE
1980 Parasitology 81 (2) Oct 405-421 Wa
Hymenolepis diminuta in Tribolium confusum, relationship between number of exposures to infection and number and size of cysticercoids harbored per host, influence of parasite burden on host fecundity and host mortality, significance of these effects in relation to overall population dynamics of host-parasite association

Pathogenicity
Khavkin T
1981 J Protozool 28 (3) Aug 317-325 Wa
Toxoplasma gondii in nonimmune nonresistant mice, interaction of tachyzoites with host omentum with special reference to biological characteristics of parasite that evoke pathological change in host cell and general response of host cell and tissues to infection, histological and ultrastructural studies

Pathogenicity
Kien T; Toazara J; Himy-Dahan R
1979 Microbia 5 (3-4) 41-59 Wa
Toxoplasma gondii, comparison of morphology, pathogenicity, and antigenicity of RH Sabin strain grown in 3 different media

Pathogenicity
Kirmse P
1980 J Fish Dis 3 (2) Mar 101-114 Wa
Haemogregarina sachai in Scophthalmus maximus under aquaculture conditions, pathogenicity, pathology, transmission experiments between fish were unsuccessful: farms at Hunterston, Scotland

Pathogenicity
Kistner TP; Wyse D; Schmitz JA
1979 J Wildlife Dis 15 (3) July 419-420 Wa
Nanophyetus salmincola in Felis concolor (small intestine), histopathology, malnutrition as cause of death, first case of pathogenicity attributed to adult trematodes of this species: Lane County, Oregon

Pathogenicity
Knowles G; Walliker D
1980 Parasitology 81 (1) Aug 211-219 Wa
Plasmodium yoelii yoelii, expression of virulence character is variable, genetic recombination is not necessary to obtain intermediate levels of virulence

Pathogenicity
Kobiler D; Mirelman D; Mattern CFT
1981 Am J Trop Med and Hyg 30 (5) Sept 955-959 Wa
Entamoeba histolytica, lectin and toxin-like activities are separate but share a considerable number of properties

Pathogenicity
Lastovica AJ
1980 Tr Roy Soc South Africa 44 (2) 269-278 Wa
Naegleria, Acanthamoeba, and other limax amoebae, isolation from variety of habitats (some previously undescribed habitats), potentially pathogenic isolates include 7 strains of N. fowleri and 1 Acanthamoeba sp.; Acanthamoeba sp. and N. gruberi found in Xenopus laevis (alimentary tract), Naegleria and Acanthamoeba sp. found in Anas sparsa (faeces), these animals may act as vectors for transmission of limax amoebae: South Africa

Pathogenicity
Leke R; Viens P; Davies AJS
1981 Clin and Exper Immunol 45 (3) Sept 627-632 Wa
Plasmodium chabaudi-infected normal, T cell-deprived, or nude mice, pattern of parasitaemia, some increase in virulence associated with sustained growth of organism in deprived mice, no positive evidence for modulation of antigenicity of parasite but this is suspected to be present

Pathogenicity
Liddell KG; Lucas SB; Williams H
1981 Parasitology 82 (2) Apr 205-224 Wa
Babesia divergens (strain isolated from fatal human case)-infected Meriones unguiculatus, useful laboratory host: general course of disease, cryopreservation of infected blood, host adaptation/parasite virulence during semi-continuous passage, parasite morphology, haematological, blood biochemical, and pathological findings, immunity of recovered animals to further challenge

Pathogenicity
Lopez-Revilla R; Said-Fernandez S
1980 Am J Trop Med and Hyg 29 (2) Mar 209-212 Wa
Entamoeba spp., cytopathogenicity, hemolytic activity of trophozoite homogenates of 7 strains found to be dose-dependent and strain-specific

Pathogenicity
MacAskill JA et al
1981 Immunology 43 (4) Aug 691-698 Wa
Trypanosoma brucei, mice infected with ^{75}Se-labelled trypanosomes, acute fulminating infections were result of inability of host to achieve effective levels of circulating antibody to cope with massive parasitaemias, not due to impaired macrophage function, no evidence that parasite caused any significant suppression of antibody responses, comparison with parasite strain which caused more chronic infection

Pathogenicity
McGhee MB et al
1981 J Wildlife Dis 17 (3) July 353-364 Wa
Haemonchus contortus derived from white-tailed deer and cattle, relative pathogenicity and infectivity for white-tailed deer, cattle, and domestic sheep (all exper.), morphometric comparisons of nematodes of cattle and deer origin, results suggest that cross-transmission occurs between deer and domestic livestock

Pathogenicity
McGhee RB; Weathersby AB
1979 Bull World Health Organ 57 suppl 1 227-229 Wa
Plasmodium gallinaceum, variations in virulence for avian embryos after repeated passages in mosquitos and chickens, thought that variations reflect alterations in genetic moiety of parasites after recombinations occurring during sexual cycle in different batches of mosquitos

Pathogenicity
Mascaro C et al
1981 J Parasitol 67 (4) Aug 599 Wa
Naegleria sp., isolation of virulent strain producing fatal meningoencephalitis in mice: river in Cadiz, Spain

Pathogenicity
Mattern CFT; Keister DB; Natovitz PC
1980 Am J Trop Med and Hyg 29 (1) Jan 26-30 Wa
Entamoeba histolytica, lectin-like toxic factor which can be inhibited by fetuin

Pathogenicity
Mello DA; Valin E; Teixeira ML
1979 Rev Saude Pub S Paulo 13 (4) Dec 314-325 Wm
Trypanosoma cruzi, wild strains (collected during study of reservoir hosts) in experimental hosts, parasitemia, prepatent period, pathogenicity, pathology, tissue tropism: county of Formosa, State of Goias, Brasil

Pathogenicity
Mirelman D; Kobiler D
1981 Ciba Found Symp (80) 17-35 Wm
Entamoeba histolytica, presence of lectin which apparently plays role in adhesion of trophozoites to host cells, similarities and differences between lectin and toxin-like activities of E. histolytica, review

Pathogenicity
Mitra K; Sharma NN
1981 Vet Parasitol 8 (4) Sept 265-270 Wa
Tritrichomonas foetus, pathogenicity of recently isolated strain in mice

Pathogenicity
Molloy D; Gaugler R; Jamnback H
1980 J Invert Path 36 (3) Nov 302-306 Wa
Neoaplectana carpocapsae in Simulium spp. larvae (exper.), pathogenicity, laboratory assays, potential as blackfly biocontrol agent

Pathogenicity
Mwongela GN; Kovatch RM; Fazil MA
1981 Trop Animal Health and Prod 13 (2) May 63-69 Wa
Trypanosoma vivax in exotic dairy cattle (nat. and exper.) as cause of acute haemorrhagic disease, treatment with isometamidium chloride or diminazene aceturate: Coast Province, Kenya

Pathogenicity
Neal RA; McHardy N
1977 Acta Trop 34 (1) Mar 79-85 Wa
Trypanosoma cruzi, comparison of infectivity of blood stream trypomastigotes vs. metacyclic trypomastigotes from Rhodnius prolixus, blood stream forms are slightly more virulent for mice, route of injection is significant; numbers of metacyclic trypanosomes found in bugs

Pathogenicity
Nelson WA
1981 J Invert Path 37 (3) May 284-289 Wa
Trypanosoma melophagium, confirmation of nonpathogenicity for Melophagus ovinus

Pathogenicity
Norton CC; Joyner LP
1980 Parasitology 81 (2) Oct 315-323 Wa
Eimeria mivati (including isolate thought at first to be E. mitis), E. acervulina, differentiation on basis of cross-immunity studies and pathogenicity (changes in body weight and oocyst output, distribution in intestine, density of parasites, analysis of villus height and mucosal thickness)

Pathogenicity
Ogunrinade A
1979 Rev Elevage et Med Vet Pays Trop n s 32 (3) 247-249 Wa
Fasciola gigantica, enhanced pathogenicity in pregnant West African Dwarf ewes (exper.)

Pathogenicity
Paling RW; Grootenhuis JG; Young AS
1981 Vet Parasitol 8 (1) Feb 31-37 Wa
Theileria mutans, isolation from Kenyan Syncerus caffer, transmission to Bos taurus (exper.) by infected blood, transmission between cattle by Amblyomma gemma (exper.), severe anaemia developed in cattle

Pathogenicity
Pernin P; Riany A
1980 Ann Parasitol 55 (5) Sept-Oct 491-502 Wa
Acanthamoeba, 8 strains (6 species) isolated from swimming pools, comparative pathogenicity for mice, A. culbertsoni as reference strain

Pathogenicity
Pichon G; Prod'hon J; Riviere F
1980 Cahiers ORSTOM s Entom Med et Parasitol 18 (1) 27-47 Wa
Wuchereria bancrofti, overdispersion and overparasitism in mosquito hosts, pathogenicity coefficient, mathematical analysis

Pathogenicity
Pipano E
1979 J South African Vet Ass 50 (4) Dec 332-333 Wa
Theileria annulata, in vitro cultivation of schizonts, use as cattle vaccine, some aspects of virulence and immunogenicity

Pathogenicity
Radulescu S et al
1980 Arch Roumaines Path Exper et Microbiol 39 (2) Apr-June 163-170 Wa
Giardia lamblia, G. caviae, G. cati, behavior and cytopathogenicity in cell cultures

Pathogenicity
Ravdin JI; Croft BY; Guerrant RL
1980 J Exper Med 152 (2) Aug 1 377-390 Wa
Entamoeba histolytica cytopathogenicity consists of separate components: contact-dependent cytolethal effect and phagocytosis

Pathogenicity
Ribeiro RD et al
1980 Rev Brasil Biol 40 (1) Feb 51-58 Wa
Trypanosoma cruzi, 3 strains isolated from Callithrix jacchus were pathogenic for white mice, experimental infection of T[riatoma] infestans, T. vitriceps, and R[hodnius] neglectus, role of C. jacchus as wild reservoir; blood trypomastigotes of monkey strain not inactivated by normal human serum and cross immunity tests showed that mice recovered from infections with monkey strains had high resistance against re-infection by Y strain of T. cruzi: Estado de Bahia, Brasil

Pathogenicity
Riou GF; Belnat P; Benard J
1980 J Biol Chem 255 (11) June 10 5141-5144 Wa
Trypanosoma equiperdum, complete loss of kinetoplast DNA sequences induced by ethidium bromide or by acriflavine, same infectivity in mice and rats as kinetoplastic strain, concluded that no component of kNDA network is essential to viability and pathogenicity

Pathogenicity
Sacks DL et al
1980 Nature London (5746) 283 Jan 31 476-478 Wa
Trypanosoma brucei brucei, intrinsic immunosuppressive activity of different strains varies with parasite virulence

Pathogenicity
Sacks DL; Askonas BA
1980 European J Immunol 10 (12) Dec 971-974 Wa
Trypanosoma brucei-infected mice, immunosuppression of IgG and IgM anti-parasite antibody responses; severity of trypanosome-induced suppression of anti-parasite response, and IgM response in particular, determines course of infection by trypanosomes varying in virulence

Pathogenicity
Said-Fernandez S; Lopez-Revilla R
1981 Ztschr Parasitenk 65 (1) 11-17 Wa
Entamoeba histolytica, 4 axenic strains, dose- and strain-dependent modulation of trophozoite homogenates upon DNA synthesis in cultures of Chinese hamster ovary cell line, results indicate that modulatory ability of cytotonic amebal factor(s) may play significant role in amebal virulence

Pathogenicity
Sangster NC et al
1980 Research Vet Sc 29 (1) July 26-30 Wa
Trichostrongylus colubriformis and Ostertagia spp. resistant to levamisole, morantel tartrate and thiabendazole, infectivity, pathogenicity, host susceptibility and drug efficacy in two experimentally infected sheep breeds

Pathogenicity
Sargeaunt PG et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 653-656 Wa
Entamoeba histolytica and other intestinal amoebae isolated from hospital patients, identification by isoenzyme electrophoretic patterns, separation into groups which may indicate pathogenicity: Mexico City

Pathogenicity
Savina MA
1975 Parazitologiia Leningrad 9 (5) Sept-Oct 443-448 Wa
toxoplasms, susceptibility of various strains of mice to virulent and little-virulent strains, host genetic peculiarities

Pathogenicity
Sayin F; Dincer S; Milli U
1979 Vet Fak Dergisi Ankara Univ 26 (1-2) 185-202 Wa
Eimeria arloingi, Angora goats (exper.), pathogenicity, histopathology

Pathogenicity
Sayin F; Dincer S; Milli U
1980 Zentralbl Vet-Med Reihe B 27 (5) 382-397 Wa
Eimeria arloingi, Angora kids (exper.), development of coccidiosis and patterns of oocyst discharge, life cycle, autopsy findings, pathogenicity, cross-transmission trials failed proving that E. arloingi and E. ovina are different species

Pathogenicity
Segura EL et al
1980 Medicina Buenos Aires 40 Suppl (1) 97-102 Wm
Trypanosoma cruzi, characteristics of infectivity of 3 populations obtained from cultures

Pathogenicity
Shirley MW
1980 Parasitology 81 (3) Dec 525-535 Wa
Eimeria necatrix, development and characteristics of egg-adapted (attenuated) line, possible use in immunization

Pathogenicity
Smith H
1980 Trop Dis Research Ser (3) 419-438 Wm
effect of environmental conditions in vivo and in vitro on surface virulence determinants of microbial parasites, workshop presentation

Pathogenicity
Stalheim OHV et al
1980 Am J Vet Research 41 (1) Jan 10-13 Wa
Toxoplasma gondii, virulence of 3 cat-derived strains for calves; exposure of pregnant cows and calves to tachyzoites, clinical response and role in bovine abortion, slight and nonspecific gross and microscopic changes

Pathogenicity
Thiermann E
1975 Rev Med Chile 103 (3) Mar 170-174 Wm
Toxoplasma gondii, 27 human strains, strain virulence in mice is not a good criterion for estimating pathogenicity in human host

Pathogenicity
Tizard IR et al
1980 Research Vet Sc 28 (2) Mar 178-184 Wa
Trypanosoma theileri in vitro, production of haemolysins, phospholipases, complement activating factors, and mitogens, levels produced compatible with known low pathogenicity

Pathogenicity
Tsvetaeva NP; Vasil'ev AA
1963 Trudy Vsesoiuz Inst Gel'mint 10 142-168 Wa
A[midostomum] anseris, geese (exper.), pathogenic effect at various stages and levels of infection, healing process after successful treatment with carbon tetrachloride, economic losses in feather and meat production

Pathogenicity
Uilenberg G et al
1980 Vet Quart 2 (1) Jan 3-14 Wa
Babesia motasi (Netherlands), sheep (blood) (nat. and exper.), comparison with other Babesia of sheep, morphological and serological comparison with B. motasi (Turkey), pathogenicity in splenectomized sheep and effective treatment with diminazene and amicarbalide, cross-immunity tests with B. motasi (Turkey), tick transmission studies indicate Haemaphysalis punctata is a vector: Ameland and Texel, the Netherlands

Pathogenicity
Vinayak VK et al
1978 Indian J Med Research 67 Apr 545-552 Wa
Entamoeba histolytica, cholesterol increased virulence of avirulent or attenuated amoebae strains for white rats

Pathogenicity
Vinayak VK et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 32-37 Wa
Entamoeba histolytica isolates from symptomatic and asymptomatic patients, virulence in rats compared with serological responses in rats and patients

Pathogenicity
Warton A; Honigberg BM
[1981] J Protozool 27 (4) Nov 1980 410-419 Issued Mar 11 Wa
Trichomonas vaginalis, 2 strains differing in pathogenicity, lectin analysis of surface saccharides

Pathogenicity
Weiland G et al
1981 Berl u Munchen Tierarztl Wchnschr 94 (8) Apr 15 150-153 Wa
Trypanosoma congolense, mice inoculated with parasites pretreated with anti-BoLA (Bovine Lymphocyte Antigens), altered infectivity and pathogenicity

Pathogenicity
Wery M et al
1979 Ann Soc Belge Med Trop 59 (4) Dec 347-360 Wa
Plasmodium berghei berghei, successive waves of parasitaemia separated by subpatent periods observed in mice infected after immunization with P. berghei Anka parent lines or with clones derived from it, these recrudescences possibly caused by antigenic variants, suggests that acquired protective immunity (premunition) may not have the same efficiency against successive parasite populations occurring in the same animal, no difference could be demonstrated by immunofluorescence in the antigenicity of the different lines or clones used for immunization

Pathogenicity
Wery M; Timperman G
1979 Ann Soc Belge Med Trop 59 (4) Dec 361-369 Wa
Plasmodium berghei cloned and uncloned lines, antigenic characterization of 4 recrudescences of parasitaemia using cross protection experiments in immunized mice, homologous challenges induced lower parasitaemia than did heterologous, antigenic variation may be responsible for intergroup differences which were higher than those between individual mice

Pathogenicity
Wright IG; Goodger BV; Mahoney DF
1980 Ztschr Parasitenk 63 (1) 47-57 Wa
Babesia bovis, pathogenicity of irradiated vs. non-irradiated parasites in Bos taurus (exper.), differences in various blood parameters

Pathogenicity
Wright IG; Goodger BV; Mahoney DF
1981 J Protozool 28 (1) Feb 118-120 Issued June 18 Wa
Babesia bovis, virulent and avirulent strains, relationship between parasite protease content and pathophysiological effect of strains in cattle

Pathology [See also Immunopathology; Names of specific organs and organ systems]

Pathology
Baker JR
1980 Brit Vet J 136 (5) Sept-Oct 443-447 Wa
parasites and other infections of Haliochoerus grypus, pathology: British Isles

Pathology
Corachan M; Oomen HAPC; Sutorius FJM
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 385-388 Wa
parasitic duodenitis, human, clinical signs, radiology, parasitology, histopathology

Pathology
Coulanges P et al
1979 Bull Soc Path Exot 72 (3) May-June 272-278 Wa
pathology of lemurs, including parasitic infections, review, possible use as laboratory hosts for study of human infections

Pathology
Dailey M; Stroud R
1978 J Wildlife Dis 14 (4) Oct 503-511 Wa
parasites, cetaceans, occurrence, pathology: stranded along Oregon Coast

Pathology
Obendorf DL; McColl K
1980 J Wildlife Dis 16 (2) Apr 251-259 Wa
internal and external parasites as cause of mortality in Eudyptula minor, gross and histopathology: along coast of Victoria, Australia

Pathology
Picone J et al
1981 J Wildlife Dis 17 (3) July 395-400 Wa
Odocoileus virginianus with polycystic liver, need to differentiate these lesions from those caused by Echinococcus granulosus, presence of Taenia hydatigena-like cysticerci and Fascioloides magna in liver probably incidental: Michigan

Pathology
Symons LEA; Steel JW
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 9-22 Wa
gastrointestinal parasites, sheep, histopathology, pathophysiology, review: Australia

Pathology, Acanthocephala
Catalini N et al
1978 Parassitologia 20 (1-3) Dec 169-173 Wa
helminths, Salmo trutta (intestine), histological changes, attachment of Cyathocephalus truncatus: River Tirino (L'Aquila, Italy)

Pathology, Acanthocephala
George PV; Nadakal AM
1981 Hydrobiologia 78 (1) Feb 27 59-62 Wa
Serrasentis nadakali-infected Rachycentron canadus, intestinal pathology: Arabian Sea near Trivandrum coast

Pathology, Acanthocephala
McDonough JM; Gleason LN
1981 J Parasitol 67 (3) June 403-409 Wa
Pomphorhynchus bulbocolli, Acanthocephalus dirus, histopathology in Etheostoma caeruleum: Kentucky

Pathology, Acanthocephala
Oetinger DF; Nickol BB
1981 J Parasitol 67 (5) Oct 672-684 Wa
Acanthocephalus dirus-infected Asellus intermedius and Lirceus garmani, A. jacksoni infected-L. lineatus, examination of relationships between pigmentation and sex of isopod, size of isopod, number of parasites in isopod, sex of parasites, and size and development of parasites, proposal of term 'pigmentation dystrophy' to describe altered pigmentation of North American freshwater isopods infected with species of Acanthocephalus

Pathology, Arthropoda
Abu-Samra MT et al
1981 Ann Trop Med and Parasitol 75 (6) Dec 639-645 Wa
Sarcoptes scabiei var. ovis, sheep, severe outbreaks, clinical observations, unusual distribution of lesions, histopathology, result of treatment with 3 acaricides: Sudan

Pathology, Arthropoda
Abu-Samra MT; Hago BED; Musa BE
1981 J Small Animal Practice 22 (3) Mar 149-152 Wa
Demodex canis, dogs (skin), severe demodectic mange, clinical picture, histopathology: Sudan

Pathology, Arthropoda
Abu-Samra MT; Imbabi SE; Mahgoub ES
1981 Ann Trop Med and Parasitol 75 (6) Dec 627-637 Wa
mange in domestic animals, survey, clinical picture, histopathology, treatment; new technique for isolation of Demodex folliculorum var. bovis: Sudan

Pathology, Arthropoda
Anderson GL
1975 Veliger 17 (3) Jan 1 299-306 Wm
Fabia subquadrata-infected Mytilus californianus, true parasitism in that crab infestation produces predictable deleterious effects (alterations in host glycogen metabolism, diminished reproductive potential through decreased gonadal development): Sonoma County, California

Pathology, Arthropoda
Andrieux N; Herberts C; De Frescheville J
1981 Ann Parasitol 56 (4) 441-448 Wa
Sacculina carcini, effect of parasite extracts and of hemolymph of infected Carcinus on proteinogram and molting of uninfected Carcinus, changes similar to those found in infected Carcinus

Pathology, Arthropoda
Baeurle G; Stroothenke M
1981 Hautarzt 32 (7) July 372-373 Wm
Tunga penetrans, man, case review, associated pathology, epidemiology, life cycle review: Germany, had just returned from Tanzania

Pathology, Arthropoda
Brown SJ; Knapp FW
1980 Exper Parasitol 49 (2) Apr 188-205 Wa
Amblyomma americanum, sequential histopathological changes at larval and nymphal feeding sites on guinea pigs, tick length and cuticular thickness

Pathology, Arthropoda
Brown SJ; Knapp FW
1980 Exper Parasitol 49 (3) June 303-318 Wa
Amblyomma americanum, sequential histopathological changes at adult feeding sites on guinea pigs

Pathology, Arthropoda
Brown SJ; Knapp FW
1981 Parasitology 83 (1) Aug 213-223 Wa
Amblyomma americanum on guinea pigs, effect of acquired host resistance on tick feeding, color, and survival ability, histological responses of resistant hosts to tick feeding

Pathology, Arthropoda
Czeczuga B; Urban E
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (7) 557-560 Wa
Dermanyssus gallinae, Menopon gallinae, carotenoids in parasites and in infected hen skin compared, β-carotene metabolism, lowered β-carotene (vitamin A source) in birds

Pathology, Arthropoda
Donner L; Chalupsky J
1977 Vnitrni Lek 23 (7) June 702-705 Wm
Hypoderma bovis, 11-year-old boy (skin of shoulder), causing lymphadenopathy diagnosed as malignant lymphogranuloma

Pathology, Arthropoda
Draeger N; Paine GD
1980 J Wildlife Dis 16 (4) Oct 521-524 Wa
Demodex cafferi in Syncerus caffer caffer (skin), sex and age prevalence, histopathology: Savuti, Chobe National Park, Botswana; Khwai, Ngamiland, Botswana

Pathology, Arthropoda
Eyre P; Boulard C; Deline T
1981 Am J Vet Research 42 (1) Jan 25-28 Wa
Hypoderma lineatum, larval toxin in cattle (exper.), local and systemic reactions can be controlled by administration of phenylbutazone

Pathology, Arthropoda
Gearhart MS; Crissman JW; Georgi ME
1981 Cornell Vet 71 (3) July 305-310 Wa
Demodex bovis in a dairy cow, eosinophilic cellulitis, periocular swellings, case report

Pathology, Arthropoda
Gothe R; Kunze K
1981 Zentralbl Vet Med Reihe B 28 (3) 241-248 Wa
Rhipicephalus evertsi evertsi, paralysis in sheep (exper.), neuropathophysiology

Pathology, Arthropoda
Gregory MW
1981 Parasitology 82 (1) Feb 149-157 Wa
mites of Erinaceus albiventris, prevalence, density, distribution on body, symptoms, gross lesions, histology; Notoedres oudemansi, description of male mite, male hosts particularly affected: Nairobi area of Kenya

Pathology, Arthropoda
Grosshans E et al
1980 Ztschr Hautkrankh 55 (18) Sept 15 1211-1218 Wm
rosacea, human, immunological reactions to Demodex caprae antigens, histogenesis of granulomatous lesions provoked by demodectic fragments in facial skin in rosacea could be based on immunological mechanism, topical

Pathology, Arthropoda
Humphrey JD; Spradbery JP; Tozer RS
1980 Exper Parasitol 49 (3) June 381-397 Wa
Chrysomya bezziana, Brahman-cross steers (exper.), gross and histopathology, clinical syndrome, hematology and biochemistry, bacteriology

Pathology, Arthropoda
Kim KC; Haas VL; Keyes MC
1980 J Wildlife Dis 16 (1) Jan 45-51 Wa
Orthohalarachne attenuata and O. diminuata in Callorhinus ursinus (respiratory passages), infestation rate, pathology, population densities and structure, microhabitat preference, sex and age of host: St. Paul Island, Alaska

Pathology, Arthropoda
Latrive JP et al
1980 Semaine Hop Paris 56 (11-12) Mar 18-25 567-569 Wm
Linguatula serrata, man, encysted, calcified parasite within liver abscess, radiological and histological aspects: France, Dominican native

Pathology, Arthropoda
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 15 (3) Mar 23 187-217 Wa
Tunga monositus on Mus musculus (skin of ear pinna) (exper.), detailed description of feeding behavior and diet, histological study of embedded fleas, development of female on host, dependence on host inflammatory and repair response for survival and reproduction

Pathology, Arthropoda
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 16 (2) Sept 28 85-94 Wa
Tunga monositus on laboratory Peromyscus maniculatus (ear pinna) wild-caught from 2 localities, feeding behavior, cell intake, and neosomy, histological examination of sequential serial sections, comparison with findings from Mus musculus

Pathology, Arthropoda
Leibowitz M; Dogliotti M; Freedman AM
1980 South African Med J 57 (10) Mar 8 363-366 Wm
Sarcoptes scabiei, Norwegian type, case reports, pathology, literature review, first report of this type scabies in South African Blacks

Pathology, Arthropoda
Mehrotra P; Singh T
1979 J Entom Research 3 (1) June 57-59 Wa
Haematopinus tuberculatus-infected Camelus dromedarius, haematology, blood chemistry, anemia: Bikaner

Pathology, Arthropoda
Nasemann T
1980 Ztschr Hautkrankh 55 (5) Mar 1 310-312 Wm
tick bite, man, case report, resulting in Herxheimer's chronic atrophic acrodermatitis: Germany, geologist living in South Africa

Pathology, Arthropoda
Nelson WA; Kozub GC
1980 J Med Entom 17 (4) July 31 291-297 Wa
Melophagus ovinus, sheep (exper.), evidence that acquired host resistance is locally mediated and lost with subsequent non-exposure, suggestion of an immune component, histopathological studies show inflammatory reaction with eosinophils in high numbers

Pathology, Arthropoda
Nutting WB; Dailey MD
1980 J Med Entom 17 (4) July 31 344-347 Wa
Demodex zalophi in Zalophus californianus (webbing and dorsal surface of flippers, posterior ventral surface near genitals, hair follicles of adjacent areas), gross lesions, histopathology, associated bacterial invasion, case report: Sea World, San Diego, California, USA

Pathology, Arthropoda
O'Kelly JC; Kennedy PM
1981 Brit J Nutrition 45 (3) May 557-566 Wa
Boophilus microplus, British and Africander x British cattle, alterations in body metabolism which would account for loss of body-weight due to specific effect of tick infestation

Pathology, Arthropoda
Oormazdi H; Baker KP
1980 Brit Vet J 136 (2) Mar-Apr 146-153 Wa
Linognathus vituli, Bovicola bovis, calves (exper.), no significant effect on haemoglobin levels, packed cell volumes, erythrocyte or leucocyte counts, or weight gains, increased number of eosinophils; concluded that pediculosis is of economic importance in the Republic of Ireland because of resulting hide damage

Pathology, Arthropoda
Payneau A
1979 Ann Recherches Vet 10 (4) 567-569 Wa
ectoparasites, sheep, cause of 'on its back' syndrome, HCH spray effective: Saone-et-Loire, France

Pathology, Arthropoda
Ponce-Navarez E; Przybilla B
1981 Hautarzt 32 (2) Feb 96-97 Wm
Sarcoptes scabiei, Norwegian type, case report, generalized bullous eruption in 2 female siblings with epidermolysis bullosa hereditaria dystrophica: Germany

Pathology, Arthropoda
Ramos e Silva J
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1980 Ann Soc Belge Med Trop 60 (1) Mar 33-45 Wa
Wuchereria bancrofti var. pacifica, population of French Polynesia, incidence of elephantiasis and microfilaraemia, survey 1975-1976, findings compared with those of surveys prior to start of antifilarial control program

Pathology, Nematoda
Catalini N et al
1978 Parassitologia 20 (1-3) Dec 169-173 Wa
helminths, Salmo trutta (intestine), histological changes, attachment of Cyathocephalus

Pathology, Nematoda
Cawthorn RJ
1980 Canad J Zool 58 (1) Jan 109-113 Wa
Diplotriaena tricuspis, cellular reaction in Melanoplus sanguinipes and Schistocerca gregaria

Pathology, Nematoda
Chabaud AG et al
1980 Ann Parasitol 55 (4) July-Aug 427-443 Wa
Echinonema cinctum, synonymy, key, morphology of developmental stages, host cellular reactions

Pathology, Nematoda
Chari JS et al
1980 J Indian Med Ass 74 (6) Mar 16 114-116 Wm
Wuchereria bancrofti, man, case report, filariasis causing hepatomegaly with altered liver functions, pleural effusion, and inferior vena-caval obstruction: India

Pathology, Nematoda
Christensen BM
1981 Mosquito News 41 (1) Mar 78-81 Wa
Dirofilaria immitis, effect on fecundity of Aedes trivittatus

Pathology, Nematoda
Clark GM; Philip CB; Fadness L
1969 Folia Parasitol 16 (1) 67-73 Issued Mar Wa
Ascaris columnaris, mice, concurrent infections with migratory larvae and 4 neurotropic arboviruses caused higher mortality rates than either larvae alone, virus alone, or sum of mortalities produced by larvae and virus alone

Pathology, Nematoda
Clayton HM; Duncan JL; Dargie JD
1980 Equine Vet J 12 (1) Jan 23-25 Wa
Parascaris equorum, foals (small intestine) (exper.), pathophysiological changes, mechanisms investigated with radioisotopic tracer techniques

Pathology, Nematoda
Crane TB; Christensen GR
1981 Ann Ophth Chicago 13 (3) Mar 345-348 Wm
Toxocara canis, 10-year-old male, presumed subretinal granulomatous infestation with visual recovery, serological diagnosis unconfirmed but testing suggested the possibility of toxoplasmosis occurring as a concurrent infection, clinical review: rural Iowa

Pathology, Nematoda
Croll NA et al
1980 Exper Parasitol 50 (2) Oct 145-154 Wa
Phocanema decipiens, penetration through intestine of rats and other hosts, gross changes caused by penetration in intestine of naive and previously exposed rats, concluded that P. decipiens presents very small pathological potential to intact human gastrointestinal tract

Pathology, Nematoda
Crompton DWT; Walters DE; Arnold S
1981 Parasitology 82 (1) Feb 23-38 Wa
Nippostrongylus brasiliensis-infected protein-malnourished rats, daily food intake and related changes in body weight

Pathology, Nematoda
Custer JW; Pence DB
1981 Vet Parasitol 8 (1) Feb 71-82 Wa
Dirofilaria immitis from Canis latrans, C. rufus gregoryi, and C. latrans x C. rufus gregoryi hybrids, prevalence and intensity, host age and sex, parasite sex ratio and localization, pathological responses, wild canids from this area are regarded as natural definitive hosts and primary reservoirs for heartworms, appears that this infection is important factor in morbidity and mortality of these hosts: Gulf coastal prairies of Texas and Louisiana, U.S.A.

Pathology, Nematoda
Darrow JC; Lack EE
1981 J Surg Oncol 16 (3) 219-224 Wm
Dirofilaria immitis causing solitary lung nodule in humans, diagnostic problems, increasing incidence in humans because of expanding geographical range of canine infections; case report, clinical aspects, man: Massachusetts

Pathology, Nematoda
Davidson WR et al
1980 J Wildlife Dis 16 (4) Oct 499-508 Wa
Haemonchus contortus in Odocoileus virginianus, monthly (Oct.-Mar.) prevalence and intensity of infection in fawns and adults, haemonchosis/malnutrition syndrome, geographic distribution, worm recovery rates, prepatent periods, and egg production in immunized vs. nonimmunized deer exposed to challenge suggested a naturally-acquired immunity: Georgia; South Carolina; Florida

Pathology, Nematoda
Dawkins HJS; Muir GM; Grove DI
1981 Internat J Parasitol 11 (1) Feb 97-103 Wa
Strongyloides ratti, mice, primary and secondary infections, histopathological appearances in skin, lungs, and small intestine

Pathology, Nematoda
Deardorff TL; Overstreet RM
1980 Proc Helminth Soc Washington 47 (2) July 192-217 Issued Aug 25 Wa
Goezia pelagia sp. n. and G. sinamora sp. n. in fishes (stomach), associated lesions and nodule formation

Pathology, Nematoda
Dedieu P; Gibon M
1981 Gastroenterol Clin et Biol 5 (4) Apr 456-468 Wm
intestinal parasites, humans, cause of malabsorption syndromes, general clinical review, therapy

Pathology, Nematoda
Diters RW; Ryan MJ
1980 Cornell Vet 70 (3) July 213-217 Wa
streptococcal vegetative endocarditis with generalized bacterial embolism associated with Dracunculus insignis in Procyon lotor (intermuscular and subcutaneous fascia), histopathology, case report; phlegmon of forelimb associated with D. insignis infestation believed to be primary site of bacterial invasion: near New Haven, Connecticut

Pathology, Nematoda
Dolinsky ZS et al
1981 Science (4512) 213 Sept 4 1142-1144 Wa
Toxocara canis, behavioral effects in mice administered parasites or lead or both, lesions and parasites in central nervous system

Pathology, Nematoda
Drummond JG et al
1981 Am J Vet Research 42 (6) June 969-974 Wa
Ascaris suum, pigs (exper.), effects of exposure to atmospheric ammonia on productive performance and respiratory tract health, mathematical models

Pathology, Nematoda
Duewel D; Brech K
1981 Lab Animals 15 (2) Apr 101-105 Wa
Passalurus ambiguus as cause of death, poor condition, and unsatisfactory breeding performance in rabbit colony, control by fenbendazole, also effective against Obeliscoides cuniculi

Pathology, Nematoda
Dukes TW; Webster A; Bundza A
1981 Canad Vet J 22 (1) Jan 12-14 Wa
Onchocerca sp. and O. gutturosa, cattle (stifle joint, gastrosplenic ligament) mineralized lesions resembling tuberculosis, case reports from meat inspection: southeast Ontario

Pathology, Nematoda
Dwivedi JN; Rasul AR; Ridha AM
1981 Zentralbl Vet-Med Reihe B 28 (1) 82-86 Wa
onchocerciasis, cattle, aortic lesions, gross and histopathologic findings: Mosel Province, Iraq

Pathology, Nematoda
Enigk K et al
1977 Proc Zool Soc Calcutta 30 (1-2) Apr-Oct 121-129 Wa
Syngamus trachea-infected chickens (exper.), pathology at site of attachment in trachea and in remaining surface epithelium, scanning electron microscopy, effect on host respiratory system

Pathology, Nematoda
Ewert A; Reitmeyer JC; Folse D
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 32-39 Wa
Brugia malayi, cats, repeated infection with exposure to opportunistic streptococcus enhances production and persistence of edematous and fibrotic tissues surrounding affected lymphatics

Pathology, Nematoda
Ferguson A; Logan RFA; MacDonald TT
1980 Gut 21 (1) Jan 37-43 Wm
Nippostrongylus brasiliensis, Giardia muris, mice on elemental diet, increased mucosal damage during parasite infections

Pathology, Nematoda
Ferreira SP et al
1980 Rev Hosp Clin S Paulo 35 (2) Apr 83-87 Wm
Strongyloides stercoralis, 21-month-old child, paralytic ileus with intestinal subocclusion, clinical and surgical management

Pathology, Nematoda
Folse D; Ewert A; Reitmeyer JC
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 174-184 Wa
Brugia malayi, cats, lymph vessel pathology, light and electron microscopy

Pathology, Nematoda
Forsum E; Nesheim MC; Crompton DWT
1981 Parasitology 83 (3) Dec 497-512 Wa
Ascaris suum, young pigs receiving diets low in protein, effects of infection on growth, food intake, nitrogen and fat utilization, intestinal disaccharidase activity, lactose tolerance, and weight of intestinal tract

Pathology, Nematoda
Frauenfelder HC; Kazacos KR; Lichtenfels JR
1980 J Am Vet Med Ass 177 (4) Aug 15 359-362 Wa
cerebrospinal nematodiasis, horse, Setaria sp. found in cervical spinal cord in association with lesions, history and clinical observations, necropsy and histopathologic findings, diagnosis

Pathology, Nematoda
Gardiner CH; Koh DS; Cardella TA
1981 Am J Trop Med and Hyg 30 (3) May 586-589 Wa
Micronema [sp.], man (brain, liver, heart), fatal meningoencephalitis, clinical history, gross and microscopic findings: Washington, D.C.

Pathology, Nematoda
Geisel O
1980 Berl u Munchen Tierarztl Wchnschr 93 (20) Oct 15 411-413 Wa
Capillaria paranalis, mustelids, histopathology, lesions limited to anal region

Pathology, Nematoda
Genta RM; Ward PA
1980 Am J Path (455) 99 (1) Apr 207-219 Wa
Strongyloides ratti, rats (exper.), sequence of pathologic events leading to intestinal infection, penetration, migration, differences between S. stercoralis infection in humans and laboratory model

Pathology, Nematoda
Goodger BV; Bremner KC
1979 Ztschr Parasitenk 60 (3) 239-247 Wa
Oesophagostomum radiatum-infected cattle (exper.), presence of cryofibrinogen complex in plasma, suggested mechanism of formation and role in pathophysiology of infection

Pathology, Nematoda
Griffin L et al
1981 J Comp Path 91 (1) Jan 97-103 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African), mixed vs. single infections, red cell destruction rate, erythropoietic response of femoral bone marrow

Pathology, Nematoda
Griffin L; Allonby EW; Preston JM
1981 J Comp Path 91 (1) Jan 85-95 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African) varying in resistance, mixed vs. single infections, clinical and parasitological findings, immunosuppression by T. congolense may be responsible for effects observed

Pathology, Nematoda
Gujral S et al
1981 J Parasitol 67 (5) Oct 758-759 Wa
Ancylostoma ceylanicum-infected golden hamsters, altered serum lipid profile, increased turbidity of serum, anemia

Pathology, Nematoda
Gumen'shchikova VP
1963 Trudy Vsesoiuz Inst Gel'mint 10 126-141 Wa
Hystrichis tricolor, ducks (exper.), pathology

Pathology, Nematoda
Gupta JP et al
1980 Acta Gastroenter Belg 43 (4-5) May-June 209-217 Wm
hookworms, assessment of gastrointestinal pathology and anemia associated with infections in 53 patients: India

Pathology, Nematoda
Gupta VP; Pande BP
1981 Indian J Animal Sc 51 (5) May 526-534 Wa
Cyathospirura chabaudi n. sp., histopathology in pups (stomach) (exper.)

Pathology, Nematoda
Gustowska L; Ruitenberg EJ; Elgersma A
1980 Parasite Immunol 2 (2) Summer 133-154 Wa
Trichinella spiralis, thymus-bearing vs. congenitally athymic mice, histological changes in gut, tongue, and 3 lymphoid tissues with special attention to eosinophils, specific antibody production

Pathology, Nematoda
Guthery FS; Beasom SL; Jones L
1979 J Wildlife Dis 15 (1) Jan 37-42 Wa
Parelaphostrongylus tenuis, Angora goats, prevalence, clinical signs, gross pathology, histopathology: South Texas

Pathology, Nematoda
Hennessy DR; Prichard RK
1981 Research Vet Sc 30 (1) Jan 87-92 Wa
Trichostrongylus colubriformis-infected sheep, kinetics of thyroxine and inorganic iodine metabolism, thyroid gland histology, thyroid response to thyroid stimulating hormone

Pathology, Nematoda
Henson PM; Mackenzie CD; Spector WG
1979 Bull World Health Organ 57 (5) 667-682 Wa
Onchocerca volvulus, human, inflammatory reactions during course of natural disease and during drug (especially diethylcarbamazine) treatment, review of possible mechanisms and etiology of these reactions, recommendations for further study

Pathology, Nematoda
Holmes DD et al
1980 J Am Vet Med Ass 177 (9) Nov 1 911-913 Wa
Enterobius sp. in Pan troglodytes (large intestine), fatal enterobiasis, histopathology, case report; a Trichuris sp. also recovered: Institute for Primate Studies

Pathology, Nematoda
Huggins D
1979 GEN 33 (3-4) July-Dec 307-313 Wm
Strongyloides stercoralis, humans, defects in absorption associated with massive infections: Brasil

Pathology, Nematoda
Hurst GA; Turner LW; Tucker FS
1979 J Wildlife Dis 15 (3) July 395-397 Wa
Capillaria annulata, outbreak in captive Meleagris gallopavo silvestris (squamous epithelium of crop), gross lesions, hygromycin-B: Mississippi State University

Pathology, Nematoda
Hutchinson GW
1981 Research Vet Sc 30 (2) Mar 175-180 Wa
Stephanurus dentatus, pigs (exper.), prepatent infection, haematological parameters and liver-specific serum enzymes, effect of treatment with flubendazole, levamisole, and disophenol, liver damage is insufficiently traumatic to release sufficient enzymes into serum to be pathognomonic or to assess anthelmintic efficacy

Pathology, Nematoda
Iglezias SD
1980 Rev Hosp Clin S Paulo 35 (2) Apr 88-90 Wm
Balantidium coli and Strongyloides stercoralis mixed infections exacerbated in 44-year-old woman being treated with corticosteroids for South American pemphigus foliaceus, case report, fatal illness: Brasil

Pathology, Nematoda
Ihekwaba FN
1980 J Roy Coll Surgeons Edinburgh 25 (6) Nov 452-456 Wm
Ascaris lumbricoides, humans, diagnostic pathology, surgical emergencies, case reports: Nigeria

Pathology, Nematoda
Ishihara K et al
1981 Japan J Vet Sc 43 (1) Feb 1-11 Wa
dirofilariasis, dogs with hemoglobinuria vs. normal dogs and dogs with chronic serious filariasis without hemoglobinemia and hemoglobinuria, hemolysis, lipid alterations in blood serum and red cell membrane

Pathology, Nematoda
Jamwal SS; Sharma DB
1980 Indian Pediat 17 (8) Aug 709 Wm
Ascaris lumbricoides, 3-year-old child, worm removed from eye, apparent migration via nose and naso-lachrymal duct to eye, case report

Pathology, Nematoda
Jilek R; Crites JL
1980 J Invert Path 36 (1) July 144-146 Wa
Spinitectus carolini infection, pathological implications for survival of Hexagenia limbata and dragonfly larvae

Pathology, Nematoda
Jindrak K; Magnusson MS
1981 Ann Trop Med and Parasitol 75 (2) Apr 205-210 Wa
Angiostrongylus cantonensis, laboratory rabbits, primary, secondary, and chemotherapeutically-curtailed infections, clinical observations, histopathological findings, polymyositis and polyneuritis

Pathology, Nematoda
Jojart G
1978 Acta Paediat Acad Scient Hungar 19 (2) 145-148 Wm
enterobiasis, girls aged 6-14, little correlation with urinary tract infections

Pathology, Nematoda
Joseph A et al
1979 Bull Soc Path Exot 72 (1) Jan-Feb 40-50 Wa
Onchocerca volvulus and other filariasis (particularly Dipetalonema perstans), humans, survey (by age) of clinical and parasitological parameters affecting host biochemistry (serum proteins, immunoglobulins, vitamins, minerals): Cameroun

Pathology, Nematoda
Kaushik RK
1980 Indian Vet J 57 (2) Feb 170 Wa
Ascaridia galli, chick (exper.), development of diverticulum in duodenum

Pathology, Nematoda
Khan JS; Steele RJ; Stewart D
1981 Brit J Obst and Gynaec 88 (6) June 681-683 Wm
Enterobius vermicularis, woman, case review, tubo-ovarian infestation resulting in abscess and peritonitis

Pathology, Nematoda
Kim DC; Lee OY; Lee KW
1977 Yonsei Rep Trop Med 8 (1) Nov 9-22 Wm
Brugia malayi, humans, survey of endemicity in inland areas, age and sex factors, prevalence, pathology: Korea, Yongju area

Pathology, Nematoda
Kirber WM; Nichols CW; Braunstein SN
1979 Ann Ophth Chicago 11 (4) Apr 573-576 Wm
Toxocara, 2 cases of presumed ocular toxocariasis in 19 year old college students, 1 had acute inflammatory disease and the other minimal signs of intraocular inflammation, students were friends who frequently dined together

Pathology, Nematoda
Kistner TP; Johnson GR; Rilling GA
1977 J Wildlife Dis 13 (1) Jan 55-58 LauP
Parelaphostrongylus tenuis in Dama dama (spinal meninges, neural parenchyma), pathology: game ranch, De Kalb County, Georgia

Pathology, Nematoda
Klei TR; Crowell WA
1981 J Helminth 55 (2) June 123-131 Wa
Brugia pahangi-infected Meriones unguiculatus, pathological changes in kidneys, livers, and spleens

Pathology, Nematoda
Knight R
1980 Ann Trop Med and Parasitol 74 (1) Feb 63-68 Wa
Wuchereria bancrofti, Dipetalonema perstans, prevalence survey for microfilaraemia in 15 Gambian villages, pathology attributed to W. bancrofti surveyed in 2 villages; reasons for apparent decline in W. bancrofti infection during last 25 years: The Gambia

Pathology, Nematoda
Knight R et al
1979 Ann Trop Med and Parasitol 73 (6) Dec 563-576 Wa
Wuchereria bancrofti, human, clinical findings, microfilaria counts, filarial serology, and filarial skin tests for different age groups and each sex; prevalence of non-filarial parasites, various serological parameters, mean IgE levels, and mean eosinophil counts in different age groups: Middle Fly River region, Western Papua New Guinea

Pathology, Nematoda
Knight R; Merrett TG
1981 Ann Trop Med and Parasitol 75 (3) June 299-314 Wa
Necator americanus, human, prevalence and intensity by age and sex, seasonal changes, morbidity (asthma, growth parameters, haemoglobin), total IgE levels, other parasites: The Gambia

Pathology, Nematoda
Kojima Y et al
1981 Gastroenterol Japon 16 (2) 193-196 Wm
Trichuris trichiura, woman, case report, granuloma of ascending colon resulting from worm penetration of intestine: Japan

Pathology, Nematoda
Lagraulet J
1978 Bull Soc Path Exot 71 (3) May-June 292-296 Wa
onchocercosis, humans, presense of microfilariae in anterior chamber of eye, relationship to severity of ocular lesions

Pathology, Nematoda
Lankester MW; Northcott TH
1979 Canad J Zool 57 (7) July 1384-1392 Wa
Elaphostrongylus cervi, synonymy, description, gross and histopathological findings in caribou: Labrador; Ontario; Manitoba; Newfoundland

Pathology, Nematoda
Laosombat V; Thiravibul K; Premasathian D
1980 Southeast Asian J Trop Med and Pub Health 11 (2) June 269-272 Wa
Necator americanus, 7-year-old girl, case report, massive intestinal hemorrhage associated with parasitic infection: Thailand

Pathology, Nematoda
Lapierre J
1980 Semaine Hop Paris 56 (9-10) Mar 8-15 409-413 Wm
Strongyloides stercoralis, humans, manifestations of cutaneous larva migrans, differential diagnosis, cure with single dose thiabendazole

Pathology, Nematoda
Lin CY; Chen SN
1980 Med J Osaka Univ 31 (1-2) Sept 1-6 Wm
Angiostrongylus cantonensis, humans who had had contacts with Achatina fulica vectors, clinical pathology, mainly presentation as eosinophilic meningitis, immunodiagnosis, first reports in Northern Taiwan

Pathology, Nematoda
Lloyd DA
1981 Brit J Surg 68 (7) July 468-473 Wm
Ascaris lumbricoides, children, massive hepatobiliary infestations, problems in radiological diagnosis and surgical management, case reviews: South Africa

Pathology, Nematoda
Loria-Cortes R; Lobo-Sanahuja JF
1980 Am J Trop Med and Hyg 29 (4) July 538-544 Wa
Angiostrongylus costaricensis, 116 children with intestinal eosinophilic granuloma, prevalence, host age and sex, monthly distribution, clinical and laboratory findings, radiology, surgical treatment, location of lesions, macroscopic and microscopic changes, medical treatment, evolution of disease: Costa Rica

Pathology, Nematoda
Luxenberg MN
1979 Tr Am Ophth Soc 77 542-602 Wm
Toxocara canis, exper. infection in Aotus trivirgatus, clinical manifestations with emphasis on eye infections, various diagnostic tests, evaluation of systemic and intraocular responses with various laboratory and serological tests including the ELISA test, literature review

Pathology, Nematoda
McClelland G
1980 Exper Parasitol 49 (3) June 405-419 Wa
Phocanema decipiens in Phoca vitulina and Halichoerus grypus (nat. and exper.), pathology, resistance to reinfection: Nova Scotia

Pathology, Nematoda
Maertens K
1981 Ann Soc Belge Med Trop 61 (2) June 199-224 Wa
onchocerciasis, humans, ocular complications, pathology, therapy, general review, colloquium presentation

Pathology, Nematoda
Malone JB et al
1980 J Am Vet Med Ass 176 (2) Jan 15 130-133 Wa
Strongyloides stercoralis-like infection, dog (jejunum, ileum), clinical signs, histopathology

Pathology, Nematoda
Malosse D; Verna A
1980 Bordeaux Med 13 (24) Oct 31 1333-1340 Wm
Onchocerca volvulus, humans, ultrastructural study of skin reactions and of microfilaria (no differences demonstrated between Cameroun strain and those from South America or other areas of Africa)

Pathology, Nematoda
Martin J
1980 Parasitology 80 (1) Feb 39-47 Wa
Nippostrongylus brasiliensis-infected rats maintained on low protein diet, scanning electron microscopy of small intestinal pathology

Pathology, Nematoda
Martin J; Lee DL
1980 Parasitology 81 (3) Dec 573-578 Wa
Nematodirus battus-infected lambs, scanning electron microscopy of duodenal mucosa, position of nematode within intestine, possible role of villus atrophy and of mucus in worm rejection

Pathology, Nematoda
Martin WE et al
1970 Tr Am Micr Soc 89 (2) Apr 200-205 Issued Aug 19 Wa
nematode probably belonging to Contracaecum in Legenorhynchus obliquidens (cerebrum, subcortical lesion sites including optic nerve), tissue damage due to worm channeling and presence of eggs, case report: beach near Palos Verdes Peninsula, California

Pathology, Nematoda
Marval HF; de Marval MJ
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 191-201 Wa
Toxocara canis, mice (exper.), cellular reactions and tissue involvement in relation to time of infection

Pathology, Nematoda
Maspes V; Tamigaki M
1979 Rev Saude Pub S Paulo 13 (4) Dec 357-365 Wm
ancylostomiasis, patients with anemia and high rate of parasitism, hematologic variations, importance of iron reabsorption in intestinal hemorrhage

Pathology, Nematoda
Matta SC; Ahluwalia SS
1979 Indian J Helminth 29 (1-2) Mar-Sept 1977 87-92 Issued Feb 28 Wa
helminths of Phalacrocorax niger, pathological changes

Pathology, Nematoda
Mikail EG et al
1979 J Egypt Pub Health Ass 54 (1-2) 23-34 Wm
Trichinella spiralis-infected rats, increased adrenal gland secretions during peak severity of pathological lesions in intestine and diaphragm, application to therapeutic use of steroids

Pathology, Nematoda
Miller TA
1979 Advances Parasitol 17 315-384 Wa
hookworm infection in man, extensive review

Pathology, Nematoda
Milstead JE
1980 J Invert Path 35 (3) May 256-259 Wa
Heterorhabditis bacteriophora and its associated bacterium causing inhibited silk production in Galleria mellonella seventh-instar larvae (exper.)

Pathology, Nematoda
Milstead JE
1980 J Invert Path 35 (3) May 260-264 Wa
Heterorhabditis bacteriophora and its associated bacterium, pathophysiological influences on Schizura concinna fifth-instar larvae (exper.): decreased feeding rate, larval wet weight, and frass production

Pathology, Nematoda
Moqbel R
1980 Parasite Immunol 2 (1) Spring 11-27 Wa
Strongyloides ratti, primary, secondary, and repeated infections of rats, histopathological changes with special reference to tissue eosinophils and mesenteric mast cells, effect of immunosuppression

Pathology, Nematoda
Morales GA; Guzman VH; Angel D
1978 J Wildlife Dis 14 (1) Jan 15-21 Wa
Cruorifilaria tuberocauda in Hydrochoerus hydrochaeris, description of vascular lesions in kidneys, lungs, and heart

Pathology, Nematoda
Mori H et al
1980 Rinsho Hoshasen (Japan J Clin Radiol) 25 (8) Aug 875-878 Wm
Strongyloides stercoralis, disseminated infection in 28-year-old man resulting in associated linear ulcer in descending portion of duodenum: Nishinoomote, Japan

Pathology, Nematoda
Munnell JF et al
1980 Am J Vet Research 41 (7) July 1108-1112 Wa
Dirofilaria immitis, dogs (exper.), intimal lesions of pulmonary artery

Pathology, Nematoda
Nitisuwirjo S; Ladds PW
1980 Tropenmed u Parasitol 31 (4) Dec 467-474 Wa
Onchocerca gibsoni, quantitative histopathological study of nodules in cattle

Pathology, Nematoda
Noodleman JS
1981 Arch Path and Lab Med 105 (3) Mar 148-149 Wa
Strongyloides stercoralis, man, case report, causative agent of eosinophilic appendicitis

Pathology, Nematoda
Nutting SA; Murphy F; Inglis FG
1980 Canad J Surg 23 (3) May 286-287 Wm
Enterobius vermicularis, 11-year-old girl, case report, unilateral salpingitis, suppurative omentitis and periappendicitis

Pathology, Nematoda
Nwafo DC; Mbonu OO; Egere JU
1981 Ann Trop Med and Parasitol 75 (3) June 323-328 Wa
filariasis, human (males), acute manifestations of genital involvement, possible role in male subfertility, need for early recognition and treatment: Enugu, Nigeria

Pathology, Nematoda
Obendorf DL
1979 Austral J Zool 27 (5) Nov 867-879 Wa
Capillaria praeputialis, sp. nov. in Rattus fuscipes (preputial glands), pathology: Victoria, Australia

Pathology, Nematoda
Olsen A; Woolf A
1978 J Wildlife Dis 14 (2) Apr 263-268 Wa
Parelaphostrongylus tenuis in Cervus elaphus canadensis, sequential development of clinical signs, impact of neurologic disease on wapiti populations: Rachelwood Wildlife Research Preserve, Pennsylvania

Pathology, Nematoda
Ottaway CA et al
1980 Immunology 41 (4) Dec 963-971 Wm
Trichinella spiralis, mice, primary enteric infection, alteration in nature of connection between regional blood flow and localization of lymphoblasts in small intestine

Pathology, Nematoda
Overstreet RM; Meyer GW
1981 J Parasitol 67 (2) Apr 226-235 Wa
Hysterothylacium type MB larvae from Paralichthys lethostigma as cause of hemorrhagic lesions in stomach of Macaca mulatta (exper.), implications for human consumption of raw seafood

Pathology, Nematoda
Paes RAP; Chieffi PP; d'Andretta Neto C
1979 Rev Inst Adolfo Lutz 39 (2) Dec 171-178 Wa
Strongyloides stercoralis, generalized infestation in children with severe malnutrition, thymus gland atrophy, histopathology, report of 2 fatal cases: Sao Paulo

Pathology, Nematoda
Passera L
1974 Bull Soc Zool France 99 (2) 315-324 Issued Sept 10 Wa
Hexamermis sp., slight structural modifications of male and female ant hosts as compared with parasitized workers and soldiers

Pathology, Nematoda
Pence DB; Gray GG
1981 J Wildlife Dis 17 (1) Jan 49-56 Wa
Elaeophora schneideri in Odocoileus hemionus and Ammotragus lervia, comparative pathology: Palo Duro Canyon, Texas Panhandle

Pathology, Nematoda
Perrin WF; Powers JE
1980 J Wildlife Management 44 (4) Oct 960-963 Wa
Crassicauda sp., quantification of mortality related to infection in Stenella attenuata, host age: eastern tropical Pacific

Pathology, Nematoda
Petit G; Spitalier-Kaveh H
[1980] Ann Parasitol 54 (6) Nov-Dec 1979 653-663 Wa
Breinlia booliati, effect on adipose tissue of Aedes togoi, comparison with Dipetalonema dessetae in Aedes aegypti, and with "crossed couples" B. booliati in A. aegypti and D. dessetae in A. togoi

Pathology, Nematoda
Poelvoorde J; Berghen P
1981 Research Vet Sc 31 (1) July 10-13 Wa
Oesophagostomum dentatum, repeated daily mass infection in pigs fed limited ration, severe diarrhoea and anorexia, average body-weights, blood and plasma analyses, histopathology of ileum, colon, and caecum, number of larvae in incubated and digested tissue and total number of larvae in intestinal lumen

Pathology, Nematoda
Pohlenz J; Eckert J; Minder HP
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 216-220 Wa
Micronema [sp.], horse, central nervous system disorder, clinical, patho-anatomical, and histological findings: Switzerland

Pathology, Nematoda
Powell RW et al
1980 Arch Int Med Chicago 140 (8) Aug 1061-1063 Wa
Strongyloides stercoralis, immunosuppressed humans, 2 cases of massive lower gastrointestinal hemorrhage associated with disseminated strongyloidiasis, therapeutic recommendations including use of thiabendazole in larger than normally recommended doses

Pathology, Nematoda
Prost A
1980 Ann Parasitol 55 (2) Mar-Apr 239-245 Wa
Onchocerca volvulus, people living in 8 different geographic areas, comparison of clinical, ophthalmological, and parasitological examinations, striking epidemiological and pathological differences may be associated with several vector-parasite complexes which may indicate existence of different parasite strains: West Africa

Pathology, Nematoda
Przyjalkowski Z; Warton A
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 75-79 Wa
Trichinella spiralis-infected germfree and conventional mice, scanning electron microscopy of small intestinal epithelium

Pathology, Nematoda
Radda TM et al
1981 Klin Monatsbl Augenh 178 (2) Feb 147-148 Wm
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1980 Exper Parasitol 49 (3) June 339-352 Wa
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1977 Am J Proctol 28 (1) Feb 69-73 Wm
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Botha WS; Van Rensburg IBJ
1979 J South African Vet Ass 50 (3) Sept 173-179 Wa
Pneumocystis carinii, dogs (lungs), pneumonia, clinical findings, gross- and histopathology, ultrastructural findings: South Africa

Pathology, Protozoa
Bourdais A et al
1979 Anesthesie et Analgesie 36 (3-4) Mar-Apr 133-138 Wm
necrotic amoebic colitis, humans, hypovolemic shock secondary to wastage by diarrhea and perilesional edema, clinical management

Pathology, Protozoa
Bourdais A; Mayere JP; Klotz F
1980 Dakar Med 25 (3) 234-247 Wm
Plasmodium falciparum, humans, acute renal insufficiency with azotemia, clinical aspects, possible importance of circulating immune complexes in pathogenesis

Pathology, Protozoa
Bourgeade A et al
1979 Bull Soc Path Exot 72 (3) May-June 216-222 Wa
amoebiasis, man, case report, necrotic infection with peritonitis secondary to rupture of hepatic abscesses, clinical management, fatal illness

Pathology, Protozoa
Brandborg LL et al
1980 Gastroenterology 78 (6) June 1602-1614 Wa
Giardia lamblia, man who had vacationed in Tahiti, case report; discussion of traveler's diarrhea and giardiasis (epidemiology, pathogenesis, diagnosis, asymptomatic infections, pathology, G. muris in mouse model, treatment)

Pathology, Protozoa
Bratberg B; Landsverk T
1980 Acta Vet Scand 21 (3) 395-401 Wa
Sarcocystis spp., cattle, incidence of myocardial infection and myocardial pathological changes: abattoir, Oslo, Norway

Pathology, Protozoa
Braunstein RA; Gass JDM
1980 Arch Ophth Chicago 98 (3) Mar 512-513 Wa
toxoplasmosis, humans, 3 case reports, retinal branch artery obstruction resulting from toxoplasmic retinochoroiditis

Pathology, Protozoa
Brugerolle G et al
1980 Ztschr Parasitenk 62 (1) 47-61 Wa
Spironucleus muris from normal and athymic mice (nat. and exper.), ultrastructure of trophozoites and cysts, intestinal lesions

Pathology, Protozoa
Burn PR
1980 J Parasitol 66 (3) June 532-541 Wa
parasites of Liopsetta putnami, prevalence and intensity, seasonal variations, host age, frequency distributions, pathogenicity (only noted for Glugea stephani), intra-estuarine variation in parasite occurrence and abundance as possible indicator of host movement and in relation to diversity of free-living community: Great Bay Estuary, New Hampshire

Pathology, Protozoa
Caeiro TF; Palmero HA; Iosa D
1980 Medicina Buenos Aires 40 Suppl (1) 27-32 Wm
Trypanosoma cruzi, patients with chronic infections, abnormality in baroreceptor reflex even in absence of signs of cardiac involvement, deterioration of reflex correlates with degree of clinical involvement

Pathology, Protozoa
Cahour A; Poder M; Balouet G
1981 Compt Rend Soc Biol Paris 174 (3) 359-364 Wa
Minchinia armoricana, histopathology, ultrastructure, in Ostrea edulis (tissue interstitiel, branchies): Bretagne

Pathology, Protozoa
Calderon C; Apablaza A
1978 Rev Med Chile 106 (6) June 424-427 Wm
G[iardia] lamblia, infected adults, gastric acidity measured before and after therapy, no significant differences observed, results support hypothesis that gastric hydrochloric acid has no protective role against infection in adults

Pathology, Protozoa
Cardoso AEC et al
1977 An Brasil Dermat 52 (3) July-Sept 313-318 Wm
tegumentary leishmaniasis, humans, incidence survey, pathology: Alagoas State, Brasil

Pathology, Protozoa
Carpenter JW; Spraker TR; Novilla MN
1980 J Am Vet Med Ass 177 (9) Nov 1 845-848 Wa
Eimeria sp. resembling E. reichenowi in 4 Grus americana (intestinal mucosa, feces), fatal disseminated visceral coccidiosis, clinical, histopathologic, and light and electron microscopic findings, recovery of nematodes and acanthocephalans and of bacteria considered to be secondary invaders, case report: Patuxent Wildlife Research Center, Laurel, MD

Pathology, Protozoa
Carranza C et al
1980 Rev Med Chile 108 (11) Nov 1002-1010 Wm
Chagas disease, humans, subclinical cardiovascular infections, non-invasive diagnostic tests (EKG, chest X-ray etc.) are useful

Pathology, Protozoa
Carvalhal SS et al
1980 Arq Brasil Cardiol 35 (2) Aug 171-176 Wm
Chagas disease, humans, cardiopathy, apical lesions

Pathology, Protozoa
Cayea PD; Rubin E; Teixidor HS
1981 Am J Roentgenol 137 (1) July 51-55 Wa
atypical pulmonary malaria, usually caused by P[lasmodium] falciparum, humans, radiologic diagnostic aspects, clinical management, case reviews

Pathology, Protozoa
Chamorro-Mera C; Hurtado-Lopez M; Angel-Arango E
1979 Rev Interam Radiol 4 (2) Apr 63-73 Wm
Toxoplasma gondii, clinical, radiological, and pathological findings of 44 cases, intracranial calcification of diagnostic significance, mostly males and neonates affected

Pathology, Protozoa
Chauhan A; Chauhan VPS; Sarkar AK
1981 IRCS J Med Sc 9 (9) Sept 826 Wa
Plasmodium berghei-infected mice, lipid peroxidation in liver, spleen, brain, and kidney in relation to parasitaemia

Pathology, Protozoa
Chaves FJZC et al
1977 Am J Gastroenterol 68 (2) Aug 134-139 Wm
E[ntamoeba] histolytica, assessment of clinical and pathological findings in 56 patients with hepatic abscesses, male black patients 20-39 years old were most frequently affected: Luanda University Hospital, Angola

Pathology, Protozoa
Chaves FJZC et al
1977 Am J Gastroenterol 68 (3) Sept 273-277 Wm
E[ntamoeba] histolytica, laboratory and chest X-ray findings in 56 human cases with hepatic abscesses, diagnostic significance especially in endemic areas where more sophisticated facilities are not available: Luanda

Pathology, Protozoa
Cheung PJ; Nigrelli RF; Ruggieri GD
1980 J Fish Dis 3 (4) July 295-303 Wa
Uronema marinum, morphology, histopathology in marine fishes: New York Aquarium

Pathology, Protozoa
Chineme CN
1980 J Wildlife Dis 16 (3) July 377-380 Wa
Eimeria cameli in Camelus dromedarius (jejunum), gross and histopathologic lesions in intestinal tract, presence of giant schizonts in various developmental stages in lamina propria of jejunum, associated inflammatory cellular response: Zaria, Nigeria

Pathology, Protozoa
Clark IA et al
1981 Infect and Immun 32 (3) June 1058-1066 Wa
Plasmodium vinckei petteri-infected mice given small injection of endotoxin, release of macrophage-derived mediators (tumor necrosis factor, lymphocyte-activating factor, type I interferon), possible importance in pathogensis of acute malaria

Pathology, Protozoa
Clark IA; Clouston WM
1980 J Path 131 (3) July 221-233 Wa
Plasmodium vinckei petteri, intact and athymic mice with low to moderate parasitemias, histological changes in lymphoid organs and liver resulting from small doses of lipopolysaccharide endotoxins

Pathology, Protozoa
Clayton CE et al
1980 Infect and Immun 28 (3) June 824-831 Wm
Trypanosoma b. brucei, mice, cellular proliferation and functional depletion in blood, peritoneum, and spleen related to changes in bone marrow stem cells

Pathology, Protozoa
Collins GH; Sutton RH; Charleston WAG
1980 N Zealand Vet J 28 (8) Aug 156-158 Wa
Sarcocystis sp. in goats infected with dog-derived sporocysts, haematology, indirect fluorescent antibody test, pathology

Pathology, Protozoa
Conley FK; Jenkins KA
1981 Infect and Immun 31 (3) Mar 1184-1192 Wa
Toxoplasma gondii, immunohistological study of anatomic relationship of parasite antigens to inflammatory response in brains of chronically infected mice, use of peroxidase-antiperoxidase staining technique

Pathology, Protozoa
Cook GC
1981 Acta Trop 38 (2) June 173-178 Wa
influence of systemic infections (including Plasmodium falciparum) in Papua New Guineans on xylose absorption

Pathology, Protozoa
Costero C; Garcia-Garcia P; Askins-Carreon C
1980 Rev Gastroenterol Mexico 45 (3) July-Sept 149-165 Wm
Entamoeba histolytica, humans, 30 years of necropsy records analyzed: infection prevalence, localizations, infection intensity, acute vs. chronic abscesses, association with cirrhosis, classification of intestinal lesions: Escuela de Medicina y Hospital Central de San Luis de Potosi, Mexico

Pathology, Protozoa
Courbil LJ et al
1979 Bull Soc Path Exot 72 (3) May-June 209-215 Wa
amoebiasis, humans with necrotizing colitis, case reviews, indications for surgical intervention, prognosis

Pathology, Protozoa
de Cunio RW et al
1980 Medicina Buenos Aires 40 Suppl (1) 50-55 Wm
Trypanosoma cruzi, mice of C3H/S strain inoculated to produce chronic infections, transplacental transmission studies, pathology

Pathology, Protozoa
Curti HJV et al
1979 Arq Brasil Cardiol 33 (4) Oct 277-281 Wm
Chagas disease, humans, pathology, revision of anatomo-clinical classifications

Pathology, Protozoa
Cutler D et al
1974 Am J Gastroenterol 62 (4) Oct 345-349 Wm
necrotic amebic colitis, clinical diagnostic symptoms, surgical and autopsy findings, more frequent illness in adults than in children, high rate of mortality in adults

Pathology, Protozoa
Daddow KN
1979 Austral Vet J 55 (9) Sept 433-434 Wa
Eperythrozoon ovis, lambs (exper.), anemia, reduced wool production and weight gains, decreased exercise tolerance

Pathology, Protozoa
Datta DV et al
1978 Indian J Med Research 68 Sept 485-488 Wa
amoebic hepatic abscess, humans with and without jaundice, no significant alterations of bilirubin UDP-glucuronyl transferase

Pathology, Protozoa
Davis DS et al
1980 J Wildlife Dis 16 (3) July 403-406 Wa
Trypanosoma cruzi in Mephitis mephitis (myocardial fibers) (exper.), minimal clinical signs, blood culture, serology (direct and latex agglutination tests), histopathology, results suggest M. mephitis should be regarded as potential reservoir host for Chagas' disease in the Southwest

Pathology, Protozoa
Dechant W et al
1980 Brit J Ophth 64 (9) Sept 680-683 Wm
leishmaniasis, humans, anterior uveitis as late complication, 3 case reports: Kenya

Pathology, Protozoa
Dedet JP et al
1979 Bull Soc Path Exot 72 (3) May-June 245-253 Wa
cutaneous leishmaniasis, humans, epidemiology, occurrence by age groups, pathology: focus in Thies area, Senegal, West Africa

Pathology, Protozoa
Dedieu P; Gibon M
1981 Gastroenterol Clin et Biol 5 (4) Apr 456-468 Wm
intestinal parasites, humans, cause of malabsorption syndromes, general clinical review, therapy

Pathology, Protozoa
Desser SS; Stuht J; Fallis AM
1978 J Wildlife Dis 14 (1) Jan 124-131 Wa
Leucocytozoon simondi, development and pathogenicity in Branta canadensis maxima at 3 different locations, evidence of parasite strain differences and implications in wild-fowl management practices: upper peninsula of Michigan

Pathology, Protozoa
Dhillon AS et al
1980 Avian Dis 24 (2) Apr-June 510-516 Wa
Histomonas meleagridis, bobwhite quail (liver, spleen), fatal infection of atypical nature, case report, sulfonamides and antibiotics not effective, disease reproduced in chickens and bobwhite quail, electron microscopy

Pathology, Protozoa
Diters RW; Nielsen SW
1978 J Wildlife Dis 14 (1) Jan 132-136 Wa
Toxoplasma gondii, distemper, and herpesvirus in Mephitis mephitis, gross- and histopathology: Old Lyme, Connecticut

Pathology, Protozoa
Doffoel M et al
1980 Semaine Hop Paris 56 (15-16) Apr 18-25 788-790 Wm
Toxoplasma gondii, 28-year-old man, case report, acquired infection with meningoencephalitis, diagnosis by fluorescent antibody analysis of cerebrospinal fluid

Pathology, Protozoa
Dry J et al
1979 Ann Med Int Paris 130 (8-9) 401-404 Wm
Toxoplasma gondii, Japanese woman, acute infection presenting as polymyositis, muscle biopsy showed segmental necrotizing arteritis, recovery after spiramycin therapy: France

Pathology, Protozoa
Dubey JP et al
1981 J Am Vet Med Ass 178 (7) Apr 1 683-699 Wa
Sarcocystis capracanis, goats (exper.), clinical signs, pathologic and hematologic findings

Pathology, Protozoa
Dykova I; Lom J
1980 J Fish Dis 3 (4) July 265-283 Wa
microsporidian infections, fish, tissue reactions

Pathology, Protozoa
Edmiston WA; et al
1978 West J Med San Francisco 128 (3) Mar 248-253 Wm
Trypanosoma cruzi, 23-year-old woman, ventricular tachycardia with apical aneurysm resulting from parasite infection, clinical case report: El Salvador native living in Los Angeles

Pathology, Protozoa
Eggleston FC; Verghese M; Handa AK
1980 Trop Doctor 10 (4) 160-168 Wm
Amoebic perforation of the bowel, humans, diagnosis and management

Pathology, Protozoa
Ehrich JH et al
1981 Contrib Nephrol 24 122-133 Wm
Plasmodium falciparum, P. vivax, cause of proteinuria, humans, possibly involves transient immunological impairment of kidneys

Pathology, Protozoa
Eling WMC
1980 Infect and Immun 30 (3) Dec 635-641 Wa
Plasmodium berghei, mice, host strain-specific effect of splenectomy on morbidity, mortality, and immunological responsiveness, results suggest active role of spleen in generation of (immuno)pathological reaction during primary infection in intact animal

Pathology, Protozoa
Emerson RG et al
1981 Pediatrics 67 (5) May 653-655 Wa
toxoplasmosis, neurological infection in immunologically compromised 10-year-old girl, early detection and prolonged therapy (sulfadiazine and pyrimethamine) resulted in favorable outcome, computed tomography scanning may be useful in diagnosis and follow-up

Pathology, Protozoa
Emery DL; Moloo SK
1980 Acta Trop 37 (2) June 137-149 Wa
Trypanosoma brucei, sequential cellular changes in local skin reaction produced in goats by bite of infected Glossina m. morsitans, appears to represent essentially combination of acute inflammatory response and immunological reaction

Pathology, Protozoa
Emery DL; Moloo SK
1981 Acta Trop 38 (1) Mar 15-28 Wa
Trypanosoma congolense, T. vivax, goats, local skin reaction (chancre) elicited by infected Glossina morsitans morsitans, clinical course of chancre, sequential histology of chancre

Pathology, Protozoa
Erber M; Geisel O
1981 Ztschr Parasitenk 65 (3) 283-291 Wa
Sarcocystis equicanis, S. fayeri, horses (muscles), abattoir survey, prevalence by host age group, isolation and differentiation of sarcocysts in fresh preparations and by histopathological examination, morphology, experimental infection in dogs, ponies subsequently infected showed no clinical signs but showed different developmental stages of both species of sarcocysts in muscles

Pathology, Protozoa
Ermatova DU; Klepach RA
1977 Uzbek Biol Zhurnal (6) 31-32 Wa
Eimeria mitis-infected chickens, amylase activity of intestinal mucosa

Pathology, Protozoa
Eustis SL; Nelson DT
1981 Vet Path 18 (1) Jan 21-28 Wa
coccidia and their interaction with other pathogens, nursing piglets, enteritis, diarrhea

Pathology, Protozoa
Ewers HR
1981 Deutsche Med Wchnschr 106 (6) 181-184 Wa
Entamoeba histolytica, humans, diagnostic pathology, differential diagnosis from other pathogenic and non-pathogenic species, review

Pathology, Protozoa
Fayer R; Prasse KW
1981 Vet Path 18 (3) May 351-357 Wa
Sarcocystis bovicanis, acute infection in calves (exper.), qualitative and quantitative changes in cellular and serologic components of blood

Pathology, Protozoa
Ferguson A; Gillon J; al Thamery D
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 445-448 Wa
Giardia muris, mice, intestinal abnormalities

Pathology, Protozoa
Ferguson A; Logan RFA; MacDonald TT
1980 Gut 21 (1) Jan 37-43 Wm
Nippostrongylus brasiliensis, Giardia muris, mice on elemental diet, increased mucosal damage during parasite infections

Pathology, Protozoa
Ferguson HW
1979 J Fish Dis 2 (1) Jan 57-67 Wa
Hexamita salmonis, ultrastructure; mortalities in fry of Salmo gairdneri, no pathological changes in epithelial cells of pyloric caeca or upper intestine, no invasion of epithelium although examples of shrinkage necrosis (apoptotic bodies) of epithelial cells were often found; treatment of fish with furazolidone greatly reduced mortalities: northern Irish fish farm

Pathology, Protozoa
Ferguson HW; Moccia RD
1980 J Am Vet Med Ass 177 (9) Nov 1 854-857 Wa
Hexamitidae [sp.] in Betta splendens (abdominal cavity; mesentery and parenchyma of liver, spleen, and kidney; blood vessels), gross and histopathologic findings, high mortality, treatment with nifurpirinol, bacteria from peritoneal cavity believed to be secondary invaders, case report

Pathology, Protozoa
Ferreira CS et al
1980 Arq Brasil Cardiol 34 (2) Feb 81-86 Wm
Chagas disease, patients with chronic infection, comparative pre- and post-mortem angiography of circulation of coronary arteries

Pathology, Protozoa
Findley AM; Blakeney EW jr; Weidner EH
1981 Biol Bull 161 (1) Aug 115-125 Wa
Ameson michaelis-infected Callinectes sapidus, parasite-induced alterations in biochemical composition of host tissues: Louisiana

Pathology, Protozoa
Fitzgerald CR
1980 Arch Ophth Chicago 98 (2) Feb 321-323 Wa
presumed toxoplasmic eye infections resulting in secondary vitreous opacity, humans, surgical management using pars plana vitrectomy, 4 case reports

Pathology, Protozoa
Forrester DJ et al
1980 J Wildlife Dis 16 (2) Apr 237-244 Wa
Plasmodium hermani in domestic and laboratory-reared wild Meleagris gallopavo poults (exper.), anemia, splenomegaly, and decreased growth rates, results suggest that malaria may contribute to mortality of wild poults in Florida during first 3-4 weeks after hatching

Pathology, Protozoa
Fortes-Rego J
1979 Arq Neuropsiquiat 37 (2) June 165-168 Wm
Trypanosoma cruzi, humans, polyneuritis, diminution of deep reflexes: Bahia, Brasil

Pathology, Protozoa
Fortes-Rego J; Macedo VO; Prata A
1980 Arq Neuropsiquiat 38 (1) Mar 45-52 Wm
Trypanosoma cruzi, humans with chronic Chagas' disease, peripheral neurological changes

Pathology, Protozoa
Francois J
1981 J Franc Ophtal 4 (2) 157-165 Wm
toxoplasmosis, human congenital infections, delayed pathologic developments in eye, differential diagnosis

Pathology, Protozoa
Franquelo Villalonga E et al
1980 Rev Espan Enferm Apar Digest 57 Mar suppl 3 52-57 Wm
Giardia lamblia, man, case report, parasitic duodenitis diagnosed by endoscopy

Pathology, Protozoa
Frelier PF; Mayhew IG; Pollock R
1979 Am J Vet Research 40 (5) May 651-657 Wa
Sarcocystis cruzi, dairy heifers, pathologic features associated with specific stages of parasite development (schizont, immature and mature cyst): New York

Pathology, Protozoa
Friedmann AA et al
1980 Rev Hosp Clin S Paulo 35 (4) Aug 165-170 Wm
Trypanosoma cruzi, patients with preclinical Chagas disease, echocardiographic study, physiopathology of right ventricle

Pathology, Protozoa
Friend SCE; Stockdale PHG
1980 Canad J Comp Med 44 (2) Apr 129-140 Wa
Eimeria bovis, calves (exper.), histopathology and pathogenesis

Pathology, Protozoa
Futter GJ et al
1981 J South African Vet Ass 52 (1) Mar 5-14 Wa
B[abesia] felis, cats (nat. and exper.) (blood), chemopathological changes, macroscopic and microscopic post mortem findings

Pathology, Protozoa
Futter GJ; Belonje PC; van den Berg A
1980 J South African Vet Ass 51 (4) Dec 271-280 Wa
B[abesia] felis, cats (nat. and exper.), haematological changes

Pathology, Protozoa
Gad AM; Maier WA; Piekarski G
1979 Ztschr Parasitenk 60 (3) 249-261 Wa
Plasmodium berghei-infected Anopheles stephensi, factors affecting mortality rate

Pathology, Protozoa
Gad AM; Maier WA; Piekarski G
1979 Ztschr Parasitenk 60 (3) 263-276 Wa
Plasmodium berghei berghei-infected Anopheles stephensi, changes in amino acid contents

Pathology, Protozoa
Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 61-72 Wa
Plasmodium falciparum-infected human placentae, histological, ultrastructural, and immunopathological studies

Pathology, Protozoa
Galvao MM et al
1980 Rev Hosp Clin S Paulo 35 (2) Apr 48-51 Wm
Toxoplasma gondii, patient immunosuppressed for renal transplant, neuropsychiatric involvement, case report, clinical aspects: Brasil

Pathology, Protozoa
Gannon J
1980 Lab Animals 14 (3) July 189-192 Wa
Encephalitozoon cuniculi, course of infection in immunodeficient vs. immunocompetent mice, IgG and IgM antibody response, histopathology

Pathology, Protozoa
Garin Y; Audouin J; Diebold J
1977 Arch Anat et Cytol Path 25 (4) 221-226 Wm
Toxoplasma lymphadenitis, humans, histopathological appearance, immunofluorescent study of lymph node biopsies

Pathology, Protozoa
Gautam OP; Thawrani YP; Mathur PS
1980 Indian Pediat 17 (6) June 511-514 Wm
Plasmodium vivax, P. falciparum, differing diagnostic patterns of infection in children, clinical pathology: India

Pathology, Protozoa
Geelhoed GW et al
1979 Am Surg 45 (5) May 293-304 Wm
Pneumocystis carinii, clinical and pathological findings in 80 patients, differential diagnosis, medical management: National Cancer Institute, Bethesda

Pathology, Protozoa
Geisel O et al
1979 J Wildlife Dis 15 (2) Apr 267-270 Wa
Frenkelia microti in Microtus agrestis (exper.), pathomorphology

Pathology, Protozoa
Geisel O; Krampitz HE; Pospischil A
1979 Berl u Munchen Tierarztl Wchnschr 92 (21) Nov 1 421-425 Wa
Hepatozoon sp., mustelids, localization, pathomorphology: Bayern

Pathology, Protozoa
Genc S; Ulker M; Mercangoz F
1979 Mikrobiyol Bul 13 (1) Jan 27-33 Wm
Trichomonas vaginalis, women with vaginitis, diagnosis by culture and direct microscopic examination, incidence survey

Pathology, Protozoa
Ghartey KN; Brockhurst RJ
1980 Am J Ophth Chicago 89 (6) June 858-864 Wa
Toxoplasma, patients with active, recurrent, protracted retinochoroiditis that had been unresponsive to intensive medical therapy, favorable results with photocoagulation

Pathology, Protozoa
Gilbert HD
1980 Albrecht von Graefes Arch Klin u Exper Ophth 215 (1) Nov 53-58 Wm
Toxoplasma gondii, human acute ocular infections, 2 cases, unusual pathology

Pathology, Protozoa
Goetz P
1981 Ztschr Parasitenk 64 (3) 321-333 Wa
Mrazekia brevicauda, manubrium considered to be homologous in structure and development to polar filament of other Microsporidia; pathology in Chironomus riparius: West Germany; France

Pathology, Protozoa
Gonzalez Cappa SM et al
[1981] J Protozool 27 (4) Nov 1980 467-471 Issued Mar 11 Wa
Trypanosoma cruzi, mice immunized with whole homogenate or flagellar fraction, relation of humoral antibody response to protection evaluated by direct agglutination and indirect fluorescent antibody test as well as by lytic and neutralizing activity against blood trypomastigotes, histopathology

Pathology, Protozoa
Goodger BV; Wright IG
1979 Ztschr Parasitenk 60 (3) 211-220 Wa
Babesia bovis (argentina)-infected cattle (exper.), isolation of fibrogen and fibrogen-like proteins from plasma and serum, sizes and chain structure of these proteins consistent with hypothesis that fibrin cross-linking and subsequent fibrinolysis is not important in pathogenesis of infection

Pathology, Protozoa
Goodger BV; Wright IG; Mahoney DF
1980 Austral J Exper Biol and Med Sc 58 (2) Apr 179-188 Wa
Babesia bovis (argentina), acutely infected cattle, analysis of paracoagulation proteins in plasma and serum, not correct to diagnose disseminated intravascular coagulation per se on basis of positive reaction with protamine sulphate or ethanol

Pathology, Protozoa
Goodger BV; Wright IG; Mahoney DF
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 531-538 Wa
Babesia bovis, acutely infected cattle, pathophysiology, changes in conglutinin, immunoconglutinin, complement C3, and fibronectin concentrations

Pathology, Protozoa
Goodger BV; Wright IG; Mahoney DF
1981 Ztschr Parasitenk 65 (3) 271-276 Wa
Babesia bovis (argentina), Bos taurus (exper.), acute infections, alterations in plasma lipid and lipoprotein metabolism

Pathology, Protozoa
Graehl MG
1980 Canine Pract Santa Barbara 7 (3) May-June 48 Wa
Trichomonas canistomae, dog, possible cause of otitis externa

Pathology, Protozoa
Gray AR; Luckins AG
1980 J Comp Path 90 (4) Oct 499-512 Wa
Trypanosoma congolense, cyclical transmission to rabbits, calves, and sheep by infected Glossina morsitans, local skin reactions, trypanosome distribution in host, and pathological changes during initial stage of infection

Pathology, Protozoa
Greenwood BM; Whittle HC
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 716-725 Wa
sleeping sickness, human, clinical features, laboratory abnormalities, pathological changes, speculations about pathogenesis with emphasis on immunopathology (immediate hypersensitivity, autoantibodies, immune complexes), hypothesis suggesting dominant role for B lymphocyte proliferation in pathogenesis, symposium presentation

Pathology, Protozoa
Griffin L et al
1981 J Comp Path 91 (1) Jan 97-103 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African), mixed vs. single infections, red cell destruction rate, erythropoietic response of femoral bone marrow

Pathology, Protozoa
Griffin L; Allonby EW; Preston JM
1981 J Comp Path 91 (1) Jan 85-95 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African) varying in resistance, mixed vs. single infections, clinical and parasitological findings, immunosuppression by T. congolense may be responsible for effects observed

Pathology, Protozoa
Grimaldi G jr; Moriearty PL; Hoff R
1980 Exper Parasitol 50 (1) Aug 45-56 Wa
Leishmania mexicana in C3H mice, histopathology, humoral and cellular immune responses

Pathology, Protozoa
Grootenhuis JG et al
1980 Research Vet Sc 29 (2) Sept 219-229 Wa
Theileria taurotragi, fatal cases in eland, Taurotragus oryx (nat. and exper.), clinical, parasitological, and pathological studies: Kenya

Pathology, Protozoa
Gupta JP et al
1979 Acta Gastroenter Belg 42 (3-4) Mar-Apr 142-149 Wm
Giardia lamblia, adults, jejunal pathology, physiological and immunoglobulin changes associated with infection: India

Pathology, Protozoa
Gupta S; Sharma CLN
1975 Am Surg 41 (7) July 429-431 Wm
amoebiasis, 27-year-old woman, case report, massive necrosis and perforation of colon, surgical management

Pathology, Protozoa
de Gutierrez MV et al
1979 Acta Bioquim Clin Latinoam 13 (4) Dec 421-428 Wa
Chagas disease patients, cerebrospinal fluid, physical, cytological, chemical, and immunological analysis

Pathology, Protozoa
Haefliger E; Mueller O
1980 Klin Monatsbl Augenh 176 (4) Apr 613-618 Wm
Toxoplasma gondii, 21-year-old man, case report, branch artery occlusion due to focal necrotizing retinitis, clinical management

Pathology, Protozoa
Hall JE; Dahm KH; Seed JR
1981 Comp Biochem and Physiol 68B (4) 521-526 Wa
Trypanosoma brucei gambiense, quantification of tryptophan catabolites formed by intact and lysed trypanosomes in vitro, procedures may be useful in determining possible role of tryptophan metabolism in pathogenesis of African trypanosomiasis

Pathology, Protozoa
Hall JE; Seed JR
1981 Comp Biochem and Physiol 69B (4) 791-796 Wa
Trypanosoma brucei gambiense, acutely infected mice, quantitation of aromatic amino acid catabolites in urine (presumably resulting from trypanosome catabolism although induction of host pathways may contribute), metabolic disturbance could contribute to pathogenesis of trypanosomiasis, may also prove to be useful diagnostically

Pathology, Protozoa
Hambrey PN; Tizard IR; Mellors A
1980 Tropenmed u Parasitol 31 (4) Dec 439-443 Wa
Trypanosoma brucei-infected rabbits, accumulation of phospolipase A_1 (of trypanosomal origin) in tissue fluid, also detected in blood plasma but at a lower level, possible contribution to pathology

Pathology, Protozoa
Hamburg A; De Jonckheere JF
1980 Ophthalmologica Basel 181 (2) 74-80 Wm
Acanthamoeba [sp.], man, case report, chronic keratitis, diagnosed by histological examination of enucleated tissue; diagnostic problems, clinical management, general review: Netherlands

Pathology, Protozoa
Harry OG
1980 J Invert Path 36 (3) Nov 283-291 Wa
Licnophora auerbachii on Chlamys opercularis (eyes), pathology, attachment and locomotory activities of basal disc, scanning electron microscopy, phase contrast microscopy

Pathology, Protozoa
Hashemi-Nasab A; Zadeh-Shirazi H
1980 J Trop Med and Hyg 83 (3) June 119-122 Wa
visceral leishmaniasis (kala-azar), 130 cases, age and sex distribution, clinical and haematological data, mortality rate, complications, response to therapy, use of immunofluorescence for diagnosis: Fars Province, Iran

Pathology, Protozoa
Hasleton PS; Curry A; Rankin EM
1981 J Clin Path 34 (10) Oct 1138-1146 Wa
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1981 Blut 42 (3) Mar 157-164 Wm
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Howard RJ; Smith PM; Mitchell GF
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1980 Ann Trop Med and Parasitol 74 (3) June 337-345 Wa
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Pathology, Protozoa
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Pathology, Protozoa
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1981 Ann Trop Med and Parasitol 75 (1) Feb 115-116 Wa
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Hutchison WM; Aitken PP; Wells BWP
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1980 J Comp Path 90 (1) Jan 107-121 Wa
Trypanosoma brucei brucei, rabbits, anemia, blood values, evidence for haemolysis

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1981 Bull N York Acad Med 2 s 57 (3) Apr 217-223 Wa
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1980 J Wildlife Dis 16 (1) Jan 39-44 Wa
Haemoproteus sp., lethal outbreak in Cairina moschata (lung, endothelial cells of lungs, spleen, liver, heart and skeletal muscle, and blood vessels of other organs including brain), Anas platyrhynchos domesticus released on same pond developed infection in their erythrocytes identified as Haemoproteus (Parahaemoproteus) nettionis, injection of blood from these Anas to uninfected Cairina resulted in mortality in Cairina

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Theileria lawrencei vs. T. parva, cattle, comparison of clinical signs and blood and lymph node parasite levels

Pathology, Protozoa
Kaaya GP et al
1980 Tropenmed u Parasitol 31 (2) June 232-238 Wa
Trypanosoma congolense, sera from infected calves inhibited bovine granulocyte/macrophage (but not erythroid) colony formation in vitro, partial characterization of inhibitory factor; sonicated T. brucei, T. congolense, or T. theileri added directly into cultures had no effect on granulocyte/macrophage colony formation but enhanced erythroid colony formation

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Trypanosoma congolense, goats (exper.), gross and histopathological changes in testis and epididymis

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1979 Aichi Ika Daigaku Igakkai Zasshi (J Aichi Med Univ Ass) 7 (4) Oct 257-262 Wm
Giardia lamblia, 68-year-old female (bile), cause of chronic cholecystitis: Gifu Prefecture, Japan

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Karasawa T et al
1981 Acta Path Japon 31 (3) May 527-534 Wm
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Acanthamoeba castellani, 27-year-old man with keratitis, clinico-pathologic case report, organism identified by immunofluorescent staining of material from necrotic cornea of enucleated eye

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Toxoplasma gondii in nonimmune nonresistant mice, interaction of tachyzoites with host omentum with special reference to biological characteristics of parasite that evoke pathological change in host cell and general response of host cell and tissues to infection, histological and ultrastructural studies

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Khosla SN; Sharma SV; Srivastava SC
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Giardia lamblia, humans with symptomatic giardiasis, infestation had little effect on jejunal absorption studies, thus frank malabsorption syndrome apparently does not occur in giardiasis, if present it is indicative of coexisting disease

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1979 Immun u Infekt 7 (5) Nov 170-177 Wm
Sarcocystis suihominis, human volunteers infected by eating infected raw pork, symptoms and clinical findings, laboratory findings

Pathology, Protozoa
Kirmse P
1980 J Fish Dis 3 (2) Mar 101-114 Wa
Haemogregarina sachai in Scophthalmus maximus under aquaculture conditions, pathogenicity, pathology, transmission experiments between fish were unsuccessful: farms at Hunterston, Scotland

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Kobiler D; Mirelman D
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Entamoeba histolytica trophozoites, adhesion to monolayers of host cells is dependent on time, temperature, pH, and concentration and is mediated by carbohydrate binding protein (lectin) in the parasite membrane, adhesion is inhibited by such mechanisms as glucosamine-containing glycoconjugates, IgA, sera from patients with amoebiasis and IgG fraction from these sera

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1980 Bull Japan Soc Scient Fish 46 (8) Aug 1019-1026 Wa
Kudoa [sp.] in Limanda aspera (muscle) causing jellification and high protease activity: Bering Sea

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1980 Bull Fac Agric Kagoshima Univ (30) Mar 105-110 Wa
Babesia gibsoni, dogs (exper.), hematology

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Trypanosoma rhodesiense, humans, pathology of 40 cases, frequency of hepatic involvement: Zambie

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1980 Sex Transmit Dis 7 (3) July-Sept 135-136 Wm
Trichomonas vaginalis, humans, associated with nongonococcal urethritis and prostatitis

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Trichomonas vaginalis, 35-year-old man, prostatitis, ankylosing spondylitis, case report, possibility that T. vaginalis might play role in prostatitis and pathogenesis of ankylosing spondylitis in some patients

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Plasmodium berghei-infected albino mice, changes in transaminase activity in plasma and liver

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Pneumocystis carinii pneumonia, immunosuppressed rats, suitable model for study of alveolar response to infection

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1980 Arq Brasil Cardiol 35 (5) Nov 377-380 Wm
Trypanosoma cruzi, dog (exper.), chronic active fibrosing diffuse myocarditis, dog can produce chronic myocardiopathy similar to that in human infections

Pathology, Protozoa
Larsson R
1981 Parasitology 83 (2) Oct 325-342 Wa
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1978 Yonsei Rep Trop Med 9 (1) Nov 42-47 Wm
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1980 Tropenmed u Parasitol 31 (4) Dec 425-434 Wa
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1978 J Wildlife Dis 14 (2) Apr 269-275 Wa
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Toxoplasma gondii pneumonia, 6-year-old child, case report, fatal generalized infection, anatomo-clinical observations, diagnosis based on bone marrow smear

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1981 Parasitology 82 (2) Apr 205-224 Wa
Babesia divergens (strain isolated from fatal human case)-infected Meriones unguiculatus, useful laboratory host: general course of disease, cryopreservation of infected blood, host adaptation/parasite virulence during semi-continuous passage, parasite morphology, haematological, blood biochemical, and pathological findings, immunity of recovered animals to further challenge

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1980 Am J Trop Med and Hyg 29 (3) May 348-357 Wa
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1980 Gut 21 (9) Sept 772-777 Wm
Trypanosoma cruzi, patients with severe bowel disease, response of plasma pancreatic and gastrointestinal hormones and growth hormone to oral and intravenous glucose and insulin hypoglycaemia vs. normal responses

Pathology, Protozoa
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1980 Rev Inst Med Trop S Paulo 22 (3) May-June 135-143 Wm
Trypanosoma cruzi, naturally infected dogs, pathology involving heart and intestine: Brasil

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Losos GJ
1980 Vet Research Commun 4 (3) Nov 165-181 Wa
Trypanosoma evansi, review (epidemiology, diagnosis, clinical signs, pathology, immunology, laboratory animal models, chemotherapy)

Pathology, Protozoa
Lowe-Jinde L
1980 J Fish Biol 17 (1) July 23-30 Wa
Cryptobia salmostica-infected Salmo gairdneri (exper.), changes in size, glycogen content of certain vital organs and blood lactic acid and dehydrogenase levels

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1980 Tr Roy Soc Trop Med and Hyg 74 (1) 91-98 Wa
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Pathology, Protozoa
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1981 J Infect Dis 143 (5) May 662-667 Wa
Acanthamoeba castellanii, man, case report, keratitis, drug studies showed susceptibility to pimaricin, clinical review: New York, New York

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1980 J Comp Path 90 (1) Jan 123-137 Wa
Trypanosoma brucei brucei, splenectomized rabbits, anemia, hematological study of role of spleen

Pathology, Protozoa
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1979 J South African Vet Ass 50 (3) Sept 207-209 Wa
Pneumocystis carinii, dog (lung), pneumonia, case report, histopathology, electron microscopy: Cape Province, Republic of South Africa

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Leishmania braziliensis panamensis in Mystromys albicaudatus (exper.), gross and histopathologic appearance of lesions, excellent laboratory animal model of American cutaneous leishmaniasis

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1980 South Med J 73 (10) Oct 1380-1383 Wm
Sarcocystis infection associated with necrotizing vasculitis, man, case report, possible cause-and-effect relationship

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Haemobartonella felis-infected cats (exper.), changes of erythrocyte lipids concentration and their relation to osmotic fragility

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1981 Berl u Munchen Tierarztl Wchnschr 94 (2) Jan 15 25-33 Wa
Isospora suis, piglets (exper.) (faeces), effect of infection and subsequent treatment with halofuginone and lasalocid on weight gains, feed uptake, and digestibility

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Pathology, Protozoa
Marin Neto JA et al
1980 Cardiovas Research 14 (9) Sept 541-550 Wm
Chagas disease, patients with chronic cardiomyopathy vs. conscious normal individuals, reflex tachycardia induced by change from supine to standing position

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Marioni H; Thom AF; Martins LRF
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 209-211 Wm
Chagas disease, humans with megaesophagus, sequential scintigraphy used to determine esophageal transit time and for follow-up after dilatation or surgical correction of pathology

Pathology, Protozoa
Marsden PD et al
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Trypanosoma cruzi, mice, attempts to produce megasyndrome using stocks of parasite associated with megaoesophagus in man, evidence of stomach dilatation and delay in intestinal transit time

Pathology, Protozoa
Martin WG et al
1980 Am J Ophth Chicago 90 (1) July 25-29 Wa
Toxoplasma gondii, patients with peripapillary lesions secondary to toxoplasmosis, visual field defects corresponding to interruption of nerve fiber layer of retina

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Martinez AJ et al
1977 Acta Neuropath Berlin 37 (3) Mar 183-191 Wm
Acanthamoeba spp., humans, meningoencephalitis, pathogenesis, clinico-pathological study, case reports

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Martinez AJ et al
1980 Acta Neuropath Berlin 49 (1) Jan 7-12 Wm
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Pathology, Protozoa
Martinez AJ et al
1980 Acta Neuropath Berlin 51 (2) 85-91 Wm
Acanthamoeba sp. causing granulomatous amebic encephalitis, humans, presentation of cerebral mass lesions, clinical and brain biopsy or autopsy findings in 6 cases, emphasis on differential diagnosis

Pathology, Protozoa
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1981 Bull Inst Pasteur Paris 79 (2) 171-205 Wa
Naegleria fowleri, Acanthamoeba spp., humans, comparative review (morphology, pathology, diagnosis, geographic distribution, morbidity and mortality, symptoms, treatment, pathogenicity)

Pathology, Protozoa
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1980 Vet Rec 107 (24) Dec 13 551-557 Wa
Trypanosoma vivax, goats, cattle (both exper.), sequential structural changes in lymphoid system and tissue damage in other organs; goats more susceptible than cattle as indicated by higher parasitemias, more severe anemia, and death

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Trypanosoma vivax-infected Boran cattle (exper.), spleen and lymph nodes, gross and histopathologic changes, membrane and intracytoplasmic immunoglobulin, deposits of immunoglobulin, in vitro proliferative response to mitogens of cells obtained from these organs, plasma immunoglobulin concentrations, evidence for existence of intact orderly immune response, results question relative importance of immunodepression in bovine trypanosomiasis

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1979 Arq Brasil Cardiol 33 (4) Oct 293-297 Wm
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Pathology, Protozoa
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1980 Ann Trop Med and Parasitol 74 (1) Feb 17-28 Wa
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Pathology, Protozoa
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1981 Ann Parasitol 56 (1) 9-19 Wa
Plasmodium chabaudi-infected mice, serum free fatty acids, glycemia, total lipids and hepatic triacylglycerides, composition in fatty acids of free parasites, uninfected red blood cells, and adipose tissue, determination of urinary catecholamines, determination and identification of cis-vaccenic acid, kinetic study

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1981 Biochem Soc Tr 9 (1) Feb 131-132 Wa
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Pathology, Protozoa
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Trichomonas vaginalis and mixed fungal or bacterial infections, humans, cytomorphological changes and intensity of inflammation in cervico-vaginal smears

Pathology, Protozoa
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Trichomonas vaginalis, men, chronic infections, significance in infertility disorders

Pathology, Protozoa
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1980 National Inst Animal Health Quart Tokyo 20 (2) Summer 44-52 Wa
Theileria sergenti, comparison of Japanese and Russian strains in cattle: morphology, clinical and hematologic findings, transmission by Haemaphysalis longicornis, serology in complement fixation and indirect fluorescent antibody tests

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1980 Arq Brasil Cardiol 34 (1) Jan 29-33 Wm
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Pathology, Protozoa
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1980 J Wildlife Dis 16 (2) Apr 233-236 Wa
Chloromyxum trijugum in centrarchids, seasonal prevalence of free-floating and attached plasmodia, histopathology, host specificity: Iowa

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T[rypanosoma] cruzi, different strains of parasite considered as possible explanation of dissociation between heart failure and "mega" pathology

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toxoplasmosis, humans, optic neuropathies associated with parasitic infections, case reports, pathology, clinical management

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1981 Vet Path 18 (2) Mar 248-255 Wa
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Pathology, Protozoa
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Pathology, Protozoa
Moulton JE
1980 Vet Path 17 (2) Mar 218-225 Wa
Trypanosoma brucei-infected Peromyscus maniculatus (exper.), plasma cell infiltration of various tissues, disruption of T cell zone of spleen, hyperplasia of germinal centers of spleen and lymph nodes, meningoencephalitis

Pathology, Protozoa
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E[ntamoeba] histolytica, humans, intestinal infections complicated by perforation of the colon, clinical review

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1981 Vet Parasitol 9 (1) Oct 17-26 Wa
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Musumeci S et al
1978 Acta Trop 35 (2) June 183-193 Wa
kala azar, 5 patients, leukokinetic studies, mechanism of neutropenia

Pathology, Protozoa
Mwongela GN; Kovatch RM; Fazil MA
1981 Trop Animal Health and Prod 13 (2) May 63-69 Wa
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Pathology, Protozoa
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1980 Am J Trop Med and Hyg 29 (6) Nov 1187-1195 Wa
Trypanosoma rhodesiense, pathology in rabbits, findings suggest immunologic host response associated with severe localized vascular injury

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Nagy B; Antal A; Ratz F
1979 Magy Allat Lapja 101 34 (9) Sept 585-588 Wa
Cryptosporidium [sp.], calves, diarrhea, histopathology: Hungary

Pathology, Protozoa
Narama I et al
1980 Japan J Vet Sc 42 (4) Aug 453-457 Wa
Hepatocystis [sp.] in Macaca fascicularis, histopathology of liver: Tokyo, imported from Malaysia

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Pathology, Protozoa
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1978 J Wildlife Dis 14 (3) July 299-304 Wa
Cryptobia sp. in laboratory-held Paralichthys dentatus (submucosa of gut, liver), pathology

Pathology, Protozoa
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1981 Ann Roy Coll Surg England 63 (1) Jan 25-27 Wm
Entamoeba histolytica, humans, pathology and diagnosis of local pattern of this disease process: Seychelles

Pathology, Protozoa
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1978 Acta Dermato-Venereol 58 (6) 521-525 Wm
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Pathology, Protozoa
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1981 J Ass Physicians India 29 (2) Feb 143-151 Wm
E[ntamoeba] histolytica, human hepato-pulmonary infections with abscess, clinical features of 43 cases, therapeutic response to lumigyl: India

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1979 Vrach Delo (7) July 107-111 Wm
acquired toxoplasmosis, industrial workers, diagnosis, evaluation of heart pathology

Pathology, Protozoa
Nobel TA et al
1981 Vet Parasitol 8 (4) Sept 271-276 Wa
Besnoitia besnoiti, cysts (with or without surrounding granulomatous reaction) were present in genital organs of 6 of 16 infected cows, role of these organisms in abortion and infertility seems to be minor if any: Israel

Pathology, Protozoa
Nogues C et al
1980 Ann Pediat Paris 27 (4) Apr 207-216 Wm
Pneumocystis carinii and other infections causing pneumonia in immunosuppressed children, histopathology of 22 cases

Pathology, Protozoa
Nordstoga K; Landsverk T
1981 Vet Path 18 (4) July 564-566 Wa
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Pathology, Protozoa
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1980 Parasitology 81 (2) Oct 315-323 Wa
Eimeria mivati (including isolate thought at first to be E. mitis), E. acervulina, differentiation on basis of cross-immunity studies and pathogenicity (changes in body weight and oocyst output, distribution in intestine, density of parasites, analysis of villus height and mucosal thickness)

Pathology, Protozoa
Novilla MN et al
1981 J Protozool 28 (2) May 248-255 Wa
Eimeria spp. in Grus canadensis and G. americana, parenteral development, post-mortem observations of disseminated granulomatous condition

Pathology, Protozoa
Nwafo DC; Egbue MO
1981 Ann Roy Coll Surg England 63 (2) Mar 126-128 Wm
Entamoeba histolytica, humans, intrathoracic manifestations, diagnostic corroborative measures, case reviews

Pathology, Protozoa
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1981 Lab Animals 15 (2) Apr 129 Wa
Eimeria magna and E. perforans mixed infection in Oryctolagus cuniculus associated with intussuception

Pathology, Protozoa
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1981 Trop and Geogr Med 33 (2) June 165-168 Wa
malaria and measles infected children, inappropriate secretion of antidiuretic hormones, importance of evaluating for this syndrome as part of disease therapy

Pathology, Protozoa
Omanga U; Masumbuko M; Kalengayi MM
1980 Ann Pediat Paris 27 (10) Dec 706-709 Wm
Plasmodium falciparum, acute infections in children, associated focal endocapillary proliferative glomerulonephritis

Pathology, Protozoa
Ortiz J et al
1978 Arq Brasil Cardiol 31 (1) Feb 1-6 Wm
Chagas disease, human, chronic myocardiopathy, changes assessed using echocardiography

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1978 Bull Ophth Soc Egypt (75) 71 177-190 Wm
Toxoplasma, blind children, diagnosis of congenital infection using fluorescent antibody test, probable role in etiology of blindness: Egypt

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Ozeretskovskaia NN
1980 Terap Arkh 52 (2) 111-119 Wm
Plasmodium spp., case reports of infections in humans after travel to endemic areas, pathology and complications, clinical management

Pathology, Protozoa
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1980 Gut 21 (2) Feb 85-90 Wm
chagasic patients with megaoesophagus or megacolon, assessment of effect of pentagastrin on lower oesophageal sphincter pressure of patients with proven denervation, results compatible with hypothesis that supersensitivity to gastrin is due to denervation

Pathology, Protozoa
Paes de Oliveira M
1977 An Brasil Dermat 52 (3) July-Sept 353-359 Wm
leishmaniasis recidiva cutis, 11-year-old girl, clinical aspects, case report, cause unknown but possibly due to some disturbance of immunological mechanisms: Rio de Janeiro

Pathology, Protozoa
Pagano MA et al
1978 Arq Neuropsiquiat 36 (4) Dec 316-318 Wm
Chagas disease, patients with chronic infections, EMG manifestations of old and chronic denervation of upper and lower limbs without clinical evidence of nervous system involvement

Pathology, Protozoa
Palmero HA; Caeiro TF; Iosa DJ
1979 Am Heart J 97 (1) Jan 38-42 Wm
Chagas disease, arterial blood pressure changes in chagasic patients vs. general population in same geographic areas: Argentina

Pathology, Protozoa
Palmero HA; Caeiro TF; Iosa DJ
1980 Klin Wchnschr 58 (23) Dec 1 1307-1311 Wm
Distinctive abnormal responses to tilting test in chronic Chagas' disease

Pathology, Protozoa
Pannuti CS et al
1980 Internat J Epidemiol 9 (4) Dec 349-353 Wm
T[oxoplasma] gondii as an etiologic agent of the mononucleosis syndrome, differential diagnosis of clinical and haematologic features using the immune-adherence haemagglutination test and other serological tests: Sao Paulo, Brazil

Pathology, Protozoa
Patwari A et al
1979 Indian Pediat 16 (8) Aug 665-667 Wm
Plasmodium vivax, children, serum haptoglobins measured by paper electrophoresis, values lower than normal in children with hemolytic anemia or hepatic dysfunction

Pathology, Protozoa
Pedro RJ et al
1979 Rev Inst Med Trop S Paulo 21 (3) May-June 130-136 Wm
Toxoplasma gondii, humans with acquired lymphadenopathic involvement, liver biopsy as measure of hepatic injury

Pathology, Protozoa
Pedro RJ; Amato Neto V; de Mendonca JS
1979 Rev Inst Med Trop S Paulo 21 (3) May-June 125-129 Wm
toxoplasmosis, humans with acquired lymphoglandular infections, blood changes as measure of hepatic injury, useful in differential diagnosis

Pathology, Protozoa
Pelster B
1980 Ztschr Parasitenk 63 (2) 177-189 Wa
Toxoplasma gondii, mice infected with high and low virulent strains, histopathology of spleen, dynamics of spleen lymphocytes, immunosuppression following immunization with sheep erythrocytes

Pathology, Protozoa
Pillay SP et al
1981 Dis Colon and Rectum 24 (2) Mar-Apr 107-113 Wm
etiology of colonic strictures in South African black and Indian patients, findings include Entamoeba histolytica as a cause of nonmalignant lesions

Pathology, Protozoa
Pilz P; Blinzinger K; Sniesko I
1978 Arch Psychiat 225 (2) June 5 127-134 Wm
Toxoplasma gondii, 41-year-old man, case report, cerebral infection complicating Hodgkin's disease, indications of immunological impairment, light and electron microscopic study of necropsy tissue

Pathology, Protozoa
Pimenta J; Miranda M; Silva LA
1980 Chest 78 (2) Aug 310-315 Wm
Chagas disease, humans with long-term infections, abnormal atrioventricular nodal response patterns may be secondary to organic alterations produced by parasitic disease

Pathology, Protozoa
Pinnolis M et al
1981 Arch Ophth 99 (6) June 1044-1047 Wa
Nosema sp., woman, corneal ulcer, case report and electron microscopic presentation: Botswana, Africa

Pathology, Protozoa
Poltera AA
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 706-715 Wa
human African trypanosomiasis, endstage lesions in brain and heart; Trypanosoma brucei brucei in mouse model, sequential features in humoral immunology and immunopathology with emphasis on cardiac and cerebral lesions, occurrence of relapses after ethidium bromide or melarsoprol treatment, responsiveness of parasite to melarsoprol in spite of repeated relapses, shift in distribution of parasite in central nervous system after melarsoprol relapse, symposium presentation

Pathology, Protozoa
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1980 Clin and Exper Immunol 40 (3) June 496-507 Wa
Trypanosoma brucei brucei, successful induction of cerebral trypanosomiasis in ordinary laboratory mice, parasitaemia and serology, histopathology, immunohistology, electronmicroscopic studies, evolution of brain lesions after ethidium bromide treatment

Pathology, Protozoa
Poltera AA; Hochmann A; Lambert PH
1980 Am J Path (456) 99 (2) May 325-351 Wa
Trypanosoma brucei brucei-infected mice as model for study of pancarditis, findings suggest that immune mechanisms may be involved in pathogenesis, offers suitable model for evaluation of efficacy of trypanocidal drugs

Pathology, Protozoa
Powell HC et al
1978 Acta Neuropath Berlin 41 (3) Mar 211-216 Wm
Toxoplasma gondii, man, involvement of central nervous system, fine structure of pathologic changes; parasite fine structure and reproductive mechanisms

Pathology, Protozoa
Prado P, S et al
1978 Rev Chilena Pediat 49 (1-6) Jan-Dec 179-185 Wm
Toxoplasma, 6-year-old child with presenting symptoms of pericarditis with effusion and tuberculosis, clinical aspects, toxoplasmic pericarditis and myocarditis diagnosed at surgical intervention

Pathology, Protozoa
Prasse KW; Fayer R
1981 Vet Path 18 (3) May 358-367 Wa
acute Sarcocystis bovicanis infection in calves (exper.), serum biochemistry and hemostasis studies

Pathology, Protozoa
Price RL; Mellen JW
1980 J Parasitol 66 (6) Dec 1019-1021 Issued May 6 1981 Wa
Myxobolus microcystus sp. n., histopathology in Micropterus salmoides

Pathology, Protozoa
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1981 Ceskoslov Gastroenterol a Vyziva 35 (1) Jan 15-19 Wm
Giardia lamblia, patients with infections of duodenal-biliary region, therapeutic and diagnostic problems, pathology

Pathology, Protozoa
Raizman RE; de Rezende JM; Neva FA
1980 Am J Gastroenterol 74 (5) Nov 405-409 Wm
T[rypanosoma] cruzi, humans with Chagas' megaesophagus, clinical trial with pre- and post-treatment manometry comparing pneumatic dilation with bouginage

Pathology, Protozoa
Rajvir et al
1981 Indian J Med Research 73 Suppl Jan 50-54 Wa
Plasmodium knowlesi-infected rhesus monkeys, analysis of red cell and plasma lipids profile at different levels of parasitaemia

Pathology, Protozoa
Ravisse P
1978 Bull Soc Path Exot 71 (1) Jan-Feb 78-84 Wa
leishmaniasis, human, histopathology, review

Pathology, Protozoa
Revelli SS et al
1980 Medicina Buenos Aires 40 Suppl (1) 69-76 Wm
T[rypanosoma] cruzi, rats, chronic infections, serologic, electrocardiographic, and histopathologic changes

Pathology, Protozoa
de Rezende JM
1979 Rev Med Chile 107 (1) Jan 71-72 Wm
Chagas disease, humans, pathology involving the digestive tract

Pathology, Protozoa
Ribeiro dos Santos R; Hudson L
1981 Clin and Exper Immunol 44 (2) May 349-354 Wa
Trypanosoma cruzi, mice, data suggest that immunity to heart and neuronal antigens commonly detected in infected animals is result rather than cause of host cell destruction

Pathology, Protozoa
Ridley DS
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 515-521 Wa
cutaneous leishmaniasis, human, histological classification applied to 4 geographically distinct groups of patients, parasite load, clinical correlation and evolution of infection

Pathology, Protozoa
Ridley DS et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 508-514 Wa
leishmaniasis, human, cutaneous and mucocutaneous forms, histological classification, attempted correlation with clinical and immunological findings: Brazil

Pathology, Protozoa
Rifaat MA; Abdel Aal TM; Sadek MSM
1976 Ain Shams Med J 26 (3) May 335-339 Wm
Toxoplasma gondii-infected mice, changes occurring in serum proteins during acute and chronic stages of infection

Pathology, Protozoa
Robinson RO; Baumann RJ
1980 Arch Dis Childhood 55 (3) Mar 231-232 Wa
Toxoplasma, reactivation of congenital cerebral infection in 9-year-old girl, resulting encephalitis and chorioretinitis, condition resolved after pyrimethamine and sulphadiazine therapy: Kentucky

Pathology, Protozoa
Rodermund OE; Piekarski G
1979 Ztschr Hautkrankh 54 (11) June 1 481-486 Wm
Trichomonas vaginalis, males, urethritis, case reports, clinical review, diagnosis

Pathology, Protozoa
Rohde FC; Prieto O; Riveros O
1979 Brit J Dis Chest 73 (3) July 302-304 Wm
amoebiasis, human hepatic abscesses, thoracic complications, clinical, radiological, and therapeutic features of 170 cases

Pathology, Protozoa
Roth EF jr
1981 Exper Parasitol 51 (1) Feb 116-123 Wa
Babesia microti, hamsters infected from human source, subacute hemolytic anemia, biochemistry and function of erythrocytes (oxygen affinity, organic phosphate content, reduced glutathione status)

Pathology, Protozoa
Rouzer CA; Cerami A
1980 Molec and Biochem Parasitol 2 (1) Oct 31-38 Wa
Trypanosoma brucei brucei-infected rabbits, hypertriglyceridemia, no significant differences in triglyceride production compared to controls but marked slowing of triglyceride removal, decreased lipase activity

Pathology, Protozoa
Rowan-Kelly B; Ferrante A; Thong YH
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 333-336 Wa
Naegleria spp., in vitro assay of neutrophil chemotaxis, capacity to activate complement via alternative pathway, possible explanation for histopathological findings of leucocyte accumulation following tissue invasion by N. fowleri and for development of hypersensitivity pneumonitis in subjects exposed to N. gruberi in air-conditioning

Pathology, Protozoa
Ruff MD; Augustine PC; Madden PA
1981 Exper Parasitol 51 (1) Feb 87-94 Wa
Eimeria meleagrimitis, E. adenoeides, or E. dispersa, turkeys (exper.), severity of infection, intestinal malabsorption, and intestinal morphology

Pathology, Protozoa
Ruff MD; Doran DJ; Augustine PC
1980 J Protozool 27 (2) May 186-189 Issued July 17 Wa
Eimeria meleagrimitis in turkeys, life cycle, effects of inoculum size and time on severity of infection and intestinal distribution

Pathology, Protozoa
Ruff MD; Wilkins GC
1980 Parasitology 80 (3) June 555-569 Wa
Eimeria spp., in vitro absorption of glucose and L-methionine in 8 regions of small intestine of infected broilers

Pathology, Protozoa
Runyan TE; Ostberg RC
1977 Ann Ophth Chicago 9 (12) Dec 1521-1525 Wm
Plasmodium falciparum, soldier stationed in Vietnam, subpigment epithelial hemorrhage involving the macula, associated with malarial infection, case report, clinical review

Pathology, Protozoa
Saari M
1977 Acta Ophth 55 (3) June 539-547 Wm
toxoplasmosis, humans, chorioretinitis, study of macular changes

Pathology, Protozoa
Safatle NF et al
1979 Rev Paul Med 94 (5-6) Nov-Dec 142-144 Wm
Chagasic megacolon, man, associated diverticular disease, case report, surgical management: Brasil

Pathology, Protozoa
Salata E; Rangel HA
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 231-241 Wm
Trypanosoma cruzi, mice infected with Y vs. Nicaragua strains, mortality rate, persistence of parasitemia, level of various serum protein components

Pathology, Protozoa
Salazar S, PM et al
1979 Prensa Med Mexicana 44 (5-6) May-June 115-120 Wm
human chronic Chagasic myocarditis, clinical aspects, radiographic and electrocardiographic diagnosis: Mexico

Pathology, Protozoa
Sanaullah M; Ahmed ATA
1980 J Fish Dis 3 (4) July 349-354 Wa
Myxobolus spp., prevalence and intensity in carp (gills), histopathology: Bangladesh

Pathology, Protozoa
Sanchez G; Lockwood J; Chavez R
1981 Comp Biochem and Physiol 70B (3) 447-450 Wa
Trypanosoma brucei appears to possess hormone-like substance that stimulates production of glucose from liver glycogen

Pathology, Protozoa
Sankale M; Quenum C
1977 African J Med and Med Sc 6 (2) June 81-88 Wm
hepatic abscess, human amoebic and amicrobial, clinical aspects, pathology of 600 cases (1960-1973) reviewed: Senegal

Pathology, Protozoa
Sanz OP et al
1978 Arq Neuropsiquiat 36 (4) Dec 319-326 Wm
Chagas disease, patients with chronic infections, reduced functional motor units in some skeletal muscles with increase in size of many of the surviving units, muscle changes probably result from primary defect of alpha spinal motoneurone soma

Pathology, Protozoa
Sanz OP et al
1980 Medicina Buenos Aires 40 Suppl (1) 231-233 Wm
Trypanosoma cruzi, humans, peripheral nervous system involvement in chronic infections

Pathology, Protozoa
Saraiva RA et al
1980 Trop Doctor 10 (2) Apr 62-65 Wm
Trypanosoma cruzi, humans, response of cardiovascular system to general anesthesia, parasitic infection does not increase risk but with associated cardiopathy the risk is increased

Pathology, Protozoa
Saror DI
1980 Research Vet Sc 28 (1) Jan 36-38 Wa
Trypanosoma vivax, Red Sokoto goats (exper.), course of infection and pathology

Pathology, Protozoa
Sayin F; Dincer S; Milli U
1979 Vet Fak Dergisi Ankara Univ 26 (1-2) 185-202 Wa
Eimeria arloingi, Angora goats (exper.), pathogenicity, histopathology

Pathology, Protozoa
Schiliro G; et al
1980 Brit J Haematol 46 (2) Oct 207-210 Wa
kala-azar significantly increased fetal hemoglobin (HbF) levels in children with acute infections, after recovery these levels fall within normal limits thus suggesting that increased production of HbF is associated with accelerated erythropoiesis due to temporary marrow stress

Pathology, Protozoa
Semprevivo LH et al
1981 J Parasitol 67 (1) Feb 8-14 Wa
Leishmania donovani in large number of congenic resistant mouse strains on C57BL/10ScSn background differing at specific histocompatibility loci, course of infection, acquired resistance, induction of pathologic alteration, model for spectral disease

Pathology, Protozoa
Shako D; Ntininyurwa M; Omanga U
1978 Afrique Med (163) 17 Oct 555-558 Wm
Plasmodium falciparum, acute severe infections in children, associated sub-dural effusion, clinical management, surgical treatment, case reports

Pathology, Protozoa
Sharma BD; Chooramani S; Agarwal AK
1975 Am J Proctol 26 (3) June 57-62 Wm
E[ntamoeba] histolytica, humans, case reports, acute amoebic necrosis of bowel, clinical aspects

Pathology, Protozoa
Sherman IW
1979 Microbiol Rev 43 (4) Dec 453-495 Wa
Plasmodium, life cycle, biochemical determinants of parasite specificity for host cells, morphology and growth of blood stages, morphological alterations of infected cells, membrane structure and function in malaria, metabolic pathways (carbohydrate transport and metabolism; nucleic acids; protein synthesis; lipid biosynthesis; vitamins and cofactors; cation alterations), review

Pathology, Protozoa
Shertzer HG; Hall JE; Seed JR
1981 Molec and Biochem Parasitol 3 (4) Aug 199-204 Wa
Trypanosoma brucei gambiense-infected mice or mice treated with trypanocides, hepatic mixed-function oxidase activity, results demonstrate that mice with trypanosomiasis or undergoing trypanosome chemotherapy have significantly impaired capacity to metabolize foreign compounds

Pathology, Protozoa
Sica REP et al
1979 Medicina Buenos Aires 39 (5) Sept-Oct 579-588 Wm
Chagas disease, human chronic infections, motor terminal latency measurements and nerve conduction velocities of skeletal muscles are unaffected by infection, spinal motoneuron soma are involved in this disorder

Pathology, Protozoa
Simpson CF; Mayhew IG
1980 J Protozool 27 (3) Aug 288-292 Issued Oct 9 Wa
Sarcocystis sp. tentatively identified in horses (extracellular spaces or cells of spinal cords, brain), ultrastructure, may be etiologic agent of equine protozoal myeloencephalitis, presence of parasites in cytoplasm of tissue and circulating neutrophils suggests hematogenous phase of infection: Florida

Pathology, Protozoa
Simpson CF; Taylor WJ; Kitchen H
1980 Am J Vet Research 41 (8) Aug 1336-1340 Wa
Babesia equi, ponies (exper.), crystalline inclusions in parasitized erythrocytes following treatment with imidocarb dipropionate, light and electron microscopic morphology

Pathology, Protozoa
Singh DS et al
1980 J Ass Physicians India 28 (5-6) May-June 119-123 Wm
amoebiasis, humans, extraintestinal forms (most prevalent in males 20-40 years of age), clinical pathology, diagnosis using indirect haemagglutination and bentonite flocculation tests

Pathology, Protozoa
Singh US; Mohan Rao VK
1981 Indian J Exper Biol 19 (2) Feb 186-188 Wa
Acanthamoeba culbertsoni, mice, experimental meningoencephalitis, changes in levels of amino acids and enzymes connected with their metabolism in brain

Pathology, Protozoa
Smith CE; Inslee T
1980 J Fish Dis 3 (3) May 257-260 Wa
Henneguya sp., interlamellar infestation in Ictalurus punctatus in epizootic proportions, severe Chilodonella sp. infestation may have been stimulus for extensive hyperplasia of gill epithelium and consequent infestation by Henneguya: Tishomingo National Fish Hatchery, Oklahoma

Pathology, Protozoa
Smith RD et al
1980 Am J Vet Research 41 (12) Dec 1957-1965 Wa
Babesia bovis, B. bigemina, cattle, tick-borne exposure, clinical and pathologic responses, absence of significant heterologous species immunity, cross-reactivity in indirect fluorescent antibody test was restricted to period during and shortly after recovery

Pathology, Protozoa
Smith RR; Ruff MD; Witlock DR
1980 Proc Helminth Soc Washington 47 (2) July 235-246 Issued Aug 25 Wa
Eimeria necatrix-infected chickens (exper.), response of jejunum to infection and subsequent effect on methionine and glucose absorption, light and electron microscopy

Pathology, Protozoa
Sneller VP
1979 J Invert Path 34 (1) July 62-70 Wa
Ascocystis culicis in Aedes aegypti, pathology; gregarine infections may be useful in reducing aedine mosquito populations in areas endemic for heartworm, may interrupt transmission of Dirofilaria immitis

Pathology, Protozoa
Snider TG III; Yaeger RG; and Dellucky J
1980 J Am Vet Med Ass 177 (3) Aug 1 247-249 Wa
Trypanosoma cruzi causing myocarditis, dog: New Orleans, Louisiana

Pathology, Protozoa
Solangi MA; Overstreet RM
1980 J Parasitol 66 (3) June 513-526 Wa
Eimeria funduli in killifishes, prevalence, specificity, and known distribution, sites of infection, experimental infections, route of infection (through grass shrimp), endogenous development, susceptibility and variability in development (host age, temperature, infective dose, premunition), gross pathology and pathogenesis, control with monensin or by feeding TetraMin fish food

Pathology, Protozoa
Speer CA; Pond DB; Ernst JV
1980 Proc Helminth Soc Washington 47 (1) Jan 106-113 Issued Feb 15 Wa
Sarcocystis hemionilatrantis in Canis latrans (feces, small intestine) (exper.), prepatent and patent periods and endogenous development, localization in small intestine, cellular response to initial infection and to reinfection, bright-field and electron microscopy

Pathology, Protozoa
Sprague V; Hussey KL
1980 J Protozool 27 (2) May 169-175 Issued July 17 Wa
Ichthyosporidium giganteum in Leiostomus xanthurus (subcutaneous connective tissue of anterior abdominal region), host response to parasite invasion (synctial xenoma), development of parasite: Chesapeake Bay, Maryland

Pathology, Protozoa
Stagno S et al
1981 Pediatrics Am Acad Pediat 68 (3) Sept 322-329 Wa
infant pneumonitis associated with Pneumocystis carinii, cytomegalovirus, Chlamydia, and Ureaplasma, prospective study of possible associations of pathologic agents, clinical and laboratory characteristics, and whether mixed infections result in increased severity of pathology: Alabama

Pathology, Protozoa
Stemmermann GN; et al
1980 Am J Med 69 (4) Oct 637-642 Wa
Cryptosporidium [sp.], immunodeficient woman, fatal case complicated by disseminated toxoplasmosis, pathology, autopsy findings: Honolulu

Pathology, Protozoa
Stevens DR; Moulton JE
1977 Acta Neuropath Berlin 38 (3) June 173-180 Wm
Trypanosoma brucei, exper. meningoencephalitis in Peromyscus maniculatus, light, immunofluorescent, and electron microscopic study

Pathology, Protozoa
Stockdale PHG et al
1981 Canad J Comp Med 45 (1) Jan 34-37 Wa
Eimeria zuernii, calves, alterations in levels of blood ions, cells and proteins

Pathology, Protozoa
Stratigos JD
1980 Dermatosen Beruf u Umwelt 28 (5) 139-148 Wm
Leishmania tropica, human cutaneous infections, general clinical review, author's diagnostic classification based on histological findings

Pathology, Protozoa
Stuart BP; Lindsey DS; Ernst JV
1979 Proc 2 Internat Symp Neonatal Diarrhea (Univ Saskatchewan Oct 3-5 1978) 371-380 Wa
coccidia as cause of scours, baby pigs, pathology, amprol, mixed infections with Strongyloides ransomi and other enteropathogens: swine farms, South Georgia

Pathology, Protozoa
Suteu E et al
1981 Arch Exper Vet-Med 35 (2) Mar 231-234 Wa
Eimeria tenella, chickens (exper.), influence of some coccidiostats on carotenoids and A-vitamin blood levels and blood serum fatty acids, comparison with non-treated group; drug efficiency evaluated by various methods

Pathology, Protozoa
Tabel H; Losos GJ; Maxie MG
1980 Tropenmed u Parasitol 31 (1) Mar 99-104 Wa
Trypanosoma vivax, T. congolense, cattle (exper.), serum levels of total protein albumin, activity of hemolytic complement, and complement component C3 decreased by infection

Pathology, Protozoa
Tafuri WL; Raso P
1979 Rev Inst Med Trop S Paulo 21 (4) July-Aug 178-188 Wm
autonomic nervous system lesions in mice during acute phase of experimental Trypanosoma cruzi, light and electron microscopic study

Pathology, Protozoa
Tanowitz HB et al
1981 Exper Parasitol 51 (2) Apr 269-278 Wa
Trypanosoma cruzi, susceptible vs. resistant mice infected with Brazil strain, choline acetyltransferase activity in hearts and brains, correlation with parasitemia and pathology

Pathology, Protozoa
Taratuto A et al
1978 Arq Neuropsiquiat 36 (4) Dec 327-331 Wm
Histological and histochemical changes of the skeletal muscle in human chronic Chagas' disease

Pathology, Protozoa
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1980 Research Vet Sc 29 (3) Nov 367-369 Wa
Babesia bigemina-infected cattle, changes in erythrocytic Na+ and K+ levels result from anemia rather than simply presence of parasites

Pathology, Protozoa
Tinling SP; et al
1980 J Parasitol 66 (3) June 458-465 Wa
Sarcocystis fayeri, horse, light and electron microscopy of sarcocysts; pathologic changes in muscles seemed too modest to explain fully severe muscular weakness

Pathology, Protozoa
Toldy M et al
1979 Bratisl Lekar Listy 72 (4) Oct 448-452 Wm
Trichomonas vaginalis, pregnant women, incidence survey, trichomonal colpitis, high infection rate with threatened abortions and premature deliveries: Martin

Pathology, Protozoa
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1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 219-230 Wm
Trypanosoma cruzi, dogs treated with irradiated parasites and challenged with virulent parasite strain vs. dogs receiving just challenge infection, serological and cardiac pathology

Pathology, Protozoa
Topi GC et al
1978 Med Cutan Ibero-Latino-Am 6 (3-4) 185-192 Wm
Toxoplasma gondii, humans, case reports, chronic prurigo, toxoplasms demonstrated in lesions by means of conventional stains, and by immunofluorescence

Pathology, Protozoa
Topi G et al
1979 Boll Ist Dermat S Gallicano 10 (1) 5-51 Wm
Toxoplasma gondii, human, etiologic agent in various dermatologic conditions, case reviews, clinical pathology, serological findings

Pathology, Protozoa
Toro G; Roman G
1978 Arch Neurol 35 (5) May 271-275 Wm
Plasmodium falciparum, epidemiologic, clinical, and pathologic features of cerebral malaria suggest that this diffuse encephalopathy may be a form of disseminated vasculomyelinopathy, a hyperergic reaction of the central nervous system to the antigenic challenge of parasite infection

Pathology, Protozoa
Tosta CE; Hermans MAA
1981 Ann Trop Med and Parasitol 75 (3) June 363-365 Wa
Plasmodium berghei-infected rats, atypical reticulocytes as possible consequence of pitting function of spleen, may contribute to anemia

Pathology, Protozoa
Trevino N; Cruz de Lavin E; Tanimoto-Weki M
1977 Arch Invest Med 8 (1) 71-83 Wm
Entamoeba histolytica, humans, ultramicroscopic study of colonic mucosa pathology

Pathology, Protozoa
Turk DE
1981 Poultry Science 60 (2) Feb 323-326 Wa
Eimeria spp., chickens (exper.), effect of infection on host growth and intestinal absorption of iron

Pathology, Protozoa
Tyagi SK et al
1980 J Ass Physicians India 28 (12) Dec 515-519 Wm
amoebic pericarditis as a rare but serious complication of amoebic liver abscess, clinical observations, diagnosis, case reviews: India

Pathology, Protozoa
Tzipori S et al
1980 Infect and Immun 30 (3) Dec 884-886 Wa
Cryptosporidium (isolated from calves with diarrhea) infected (with or without causing enteritis) 7 different species of animals, other isolates (from calves, lamb, adult human) also showed similar lack of host specificity, indirect evidence that cryptosporidiosis should be regarded as potential zoonosis, strong evidence to suggest that Cryptosporidium is single-species genus

Pathology, Protozoa
Tzipori S et al
1981 Infect and Immun 33 (2) Aug 401-406 Wa
Cryptosporidium sp., enterotoxigenic Escherichia coli, rotavirus, lambs (exper.), single and mixed infections, clinical and pathological manifestations, age susceptibility

Pathology, Protozoa
Tzipori S et al
1981 Am J Vet Research 42 (8) Aug 1400-1404 Wa
Cryptosporidium, calves (exper.), (small and large intestines), diarrhea, histopathology, relationship between age at inoculation, incubation period, and clinical signs of infection

Pathology, Protozoa
Tzipori S et al
1981 J Clin Microbiol 14 (1) July 100-105 Wa
Cryptosporidium sp. as cause of diarrhea in artificially-reared lambs (nat.) and specific-pathogen-free lambs (exper.) (small and large intestine, feces of both), clinical manifestations and histopathology, subclinical infections in specific-pathogen-free mice and rats (both exper.) (small intestine and feces of both)

Pathology, Protozoa
Tzipori S et al
1981 J Infect Dis 144 (2) Aug 170-175 Wa
Cryptosporidium [sp.], artificially reared red deer calves (cecum, colon, jejunum, upper and terminal ileum), possible association between severe diarrhea of deer and parasite infection, serological relationship established (by indirect immunofluorescence) between Cryptosporidium isolated from the deer and bovine Cryptosporidium associated with earlier outbreak in suckled beef calves raised at the same research station, deer C. [sp.] also infected new-born specific pathogen-free mice: Scotland

Pathology, Protozoa
Ueda K et al
1977 Japan J Exper Med 47 (6) Dec 475-482 Wa
Pneumocystis carinii as cause of chronic fatal pulmonary disease in nude mice of barrier sustained colony, heterozygous littermates were much less susceptible but infection could be produced by provocation with immunosuppressants, age distribution of infections, clinical observations, histopathology, experimental transmission experiments with nu/nu and nu/+ mice with and without immunosuppressants

Pathology, Protozoa
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1980 Kobe J Med Sc 26 (4) Dec 253-267 Wm
Toxoplasma gondii, albino mice, light and transmission electron microscopic study of cyst formation, distribution, and maturation in brains, serological and histological host responses

Pathology, Protozoa
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1981 Parasitology 82 (2) Apr 175-187 Wa
Eimeria tenella, morphological, adhesive, and agglutination alterations in cultured chick kidney cells following parasitization

Pathology, Protozoa
Urquhart GM
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 726-729 Wa
African trypanosomiasis in domestic animals, pathogenesis (anemia, tissue lesions, immunosuppression), immunology (prospects for vaccination, 'non-sterile immunity'), symposium presentation

Pathology, Protozoa
Vaculik E
1980 Wien Tierarztl Monatsschr 67 (5) 164-167 Wa
Babesia divergens, cattle, renal damage and estimation through determination of blood urea-nitrogen

Pathology, Protozoa
Valli VEO et al
1980 Tropenmed u Parasitol 31 (3) Sept 288-298 Wa
Trypanosoma congolense in neonatal and 6-month-old calves, quantitation of blood biochemical changes (serum electrolytes and osmolality, serum proteins, lipids, organ function tests)

Pathology, Protozoa
Valli VEO; Mills JN
1980 Tropenmed u Parasitol 31 (2) June 215-231 Wa
Trypanosoma congolense in neonatal and 6-month-old calves, quantitation of hematological changes (anemia, leukocytes, radioiron kinetics)

Pathology, Protozoa
Van Heerden J; Van Rensburg IBJ
1979 J South African Vet Ass 50 (3) Sept 211-214 Wa
Toxoplasma gondii, dog, clinical symptoms, clinical pathology, and post mortem findings

Pathology, Protozoa
Van Marck EAE et al
1981 Am J Trop Med and Hyg 30 (4) July 780-789 Wa
Trypanosoma gambiense, mice, rats, chronic experimental infections, renal disease, light and electron microscopy, immunofluorescence (deposits of complement and immunoglobulins but no trypanosomal antigen detected), specific antibodies in kidney eluates, circulating immune complexes, appears to be suitable model

Pathology, Protozoa
Van Marck EAE et al
1981 Ann Soc Belge Med Trop 61 (1) Mar 57-78 Wa
Trypanosoma brucei gambiense, light and electron microscopic studies on extravascular cerebral pathology in chronically infected rats and mice

Pathology, Protozoa
Vercruysse J; Parent R
1981 Ann Soc Belge Med Trop 61 (1) Mar 125-131 Wa
Babesia perroncitoi, swine, epizootic infection (symptoms, pathology, morphology, transmission, berenil therapy): Senegal

Pathology, Protozoa
Veress B; Abdalla RE; El Hassan AM
1981 Ann Trop Med and Parasitol 75 (6) Dec 607-613 Wa
Leishmania, ultrastructural morphology of macrophage-parasite interaction as seen in Sudanese human mucosal leishmaniasis and hamster visceral leishmaniasis produced by amastigotes obtained from human mucosal lesions

Pathology, Protozoa
Vernes A et al
1980 Path Biol 28 (7) Sept 457-460 Wa
Plasmodium falciparum, P. vivax, P. ovale, humans, P. inui, Macaca fascicularis, serum triacylglycerides, total cholesterol, and lipoproteins (VLDL, LDL, HDL)

Pathology, Protozoa
Viles JM; Powell EC
1981 Tissue and Cell 13 (1) 45-60 Wa
Sarcocystis muris-infected mice, myofiber damage accompanying intramuscular parasitism, fine structural features

Pathology, Protozoa
Vivares CP; Cuq JL
1981 J Invert Path 37 (1) Jan 38-46 Wa
Thelohania maenadis in Carcinus mediterraneus, effect of infection on certain biochemical components of hemolymph and tissues of host, experimental ecophysiopathological study analysing effect of variations in environmental water temperature and salinity on proteinemia and glucidic metabolism in healthy vs. parasitized crabs: Vic Lagoon, near Montpellier, France

Pathology, Protozoa
Voelker-Dieben HJM; Bos HJ; Kok-van Alphen CC
1980 Nederl Tijdschr Geneesk 124 (28) July 12 1147-1151 Wm
Acanthamoeba polyphaga, man (right eye), case report, keratitis causing large abscess that necessitated corneal transplantation: Netherlands

Pathology, Protozoa
Volpi U; et al
1979 Ann Ottal e Clin Ocul 105 (11) Nov 1008-1014 Wm
toxoplasmosis, human, case report, Leber's pseudoalbuminuric retinopathy due to parasitic infection

Pathology, Protozoa
Waintraub SE et al
1980 N York State J Med 80 (9) Aug 1431-1433 Wm
Entamoeba histolytica, man, case report, concurrent amebic colitis and amebic liver abscess, fatal illness, clinical review: New York

Pathology, Protozoa
Walzer PD et al
1980 Infect and Immun 27 (3) Mar 928-937 Wa
Pneumocystis carinii infection in rats administered corticosteroids and low-protein diet, clinical course, parasite growth characteristics, quantitation of cysts, correlation with histopathology, long-term effects in host after steroid dose has been tapered

Pathology, Protozoa
Weiland G; Geisel O
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 246-248 Wa
Toxoplasma gondii in Martes foina, histopathology: Bayern

Pathology, Protozoa
Whitelaw DD et al
1980 Infect and Immun 27 (3) Mar 707-713 Wa
Trypanosoma congolense in susceptible mouse strain vs. trypanotolerant mouse strain, host survival, parasitemia and anemia, erythrocyte survival, plasma and erythrocyte volumes, blood biochemistry, immunoglobulin levels, immunosuppression, infectivity neutralization tests on sera, results indicate ability of resistant mice to survive is dependent on humoral antibody

Pathology, Protozoa
Wijesundera MS
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 216-220 Wa
Entamoeba histolytica, hepatic amoebiasis in immunodepressed mice

Pathology, Protozoa
Wilson AJ
1979 J South African Vet Ass 50 (4) Dec 293-295 Wa
Anaplasma marginale, Bos indicus (nat. and exper.), effect of host nutrition, breed, and age on pathogenesis of anaplasmosis, natural transmission in endemic areas indicated that introduced cattle should not adversely affect enzootic stability: north Queensland

Pathology, Protozoa
Wilson CB et al
1980 Pediatrics Am Acad Pediat 66 (5) Nov 767-774 Wa
Toxoplasma gondii, children born with subclinical congenital infection, development of adverse sequelae, follow-up evaluation of 24 cases

Pathology, Protozoa
Wilson WB; Sharpe JA; Deck JHN
1980 Am J Ophth Chicago 89 (5) May 714-718 Wa
Toxoplasma gondii, patients with central nervous system infections who were on immunosuppressive therapy, oculomotor nerve palsy and visual loss caused by cerebral involvement, case reports, clinical aspects

Pathology, Protozoa
Witlock DR
1980 Proc Helminth Soc Washington 47 (1) Jan 122-128 Issued Feb 15 Wa
Eimeria tenella-infected and noninfected chickens, thromboplastin-like activity of protein-containing extract prepared from chicken ceca, injection of extract caused toxic reaction and death apparently due to intravascular coagulation

Pathology, Protozoa
Witlock DR; Ruff MD; Chute MB
1981 J Parasitol 67 (1) Feb 65-69 Wa
Eimeria tenella, physiological basis of parasite-induced mortality in individual chickens

Pathology, Protozoa
Witting PA
1979 Ztschr Parasitenk 61 (1) 29-51 Wa
Toxoplasma, learning capacity and memory of normal and infected laboratory rats and mice, relationship to number of brain cysts

Pathology, Protozoa
Wobeser G; Schuh JCL
1979 J Wildlife Dis 15 (3) July 413-417 Wa
Microsporida similar to Encephalitozoon cuniculi in captive Ondatra zibethica (brain), granulomatous encephalitis

Pathology, Protozoa
Wong TCS; Desser SS
1980 Canad J Zool 58 (2) Feb 207-214 Wa
Leucocytozoon dubreuili, Turdus migratorius (exper.), pathological alterations of parasitized and non-parasitized hepatocytes and renal proximal tubular cells, acid and alkaline phosphatase activities and glycogen distribution determined in parasite and in infected and non-infected host cells

Pathology, Protozoa
Woods RJ; Parbhoo SP
1981 Brit J Exper Path 62 (1) Feb 8-12 Wa
Haemobartonella muris, transplantation of isolated hepatocytes from infected Wistar rats into congenitally jaundiced Gunn rats resulted in haemolytic anaemia, removal of parasite by spleen from surface of infected red cells which then remain in the circulation

Pathology, Protozoa
Wright IG; Goodger BV; Mahoney DF
1981 J Protozool 28 (1) Feb 118-120 Issued June 18 Wa
Babesia bovis, virulent and avirulent strains, relationship between parasite protease content and pathophysiological effect of strains in cattle

Pathology, Protozoa
Wright IG; McKenna RV; Goodger BV
1981 Ztschr Parasitenk 64 (3) 297-302 Wa
Babesia bovis, steers (exper.), plasma creatine kinase, lactate dehydrogenase, and creatinine levels, and associated muscle damage

Pathology, Protozoa
Wright IG; Mahoney DF; Goodger BV
1980 Ztschr Parasitenk 63 (2) 191-194 Wa
Babesia bovis, acute and mild infections, B. bigemina, acute infections, Bos taurus (exper.), serum carboxypeptidase B levels

Pathology, Protozoa
Wright SG
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 436-437 Wa
giardiasis and malabsorption, review

Pathology, Protozoa
Wynne JM
1980 Arch Dis Childhood 55 (3) Mar 234-236 Wa
Entamoeba histolytica, 14-month-old girl with invasive perineal amoebiasis, case report

Pathology, Protozoa
Yoneda K; Walzer PD
1980 Infect and Immun 29 (2) Aug 692-703 Wa
Pneumocystis carinii, rats, ultrastructural changes in host lung cells

Pathology, Protozoa
Yoneda K; Walzer PD
1981 Brit J Exper Path 62 (4) Aug 339-346 Wa
Pneumocystis carinii pneumonia, exper. infection in rats, pathogenesis of increased permeability of the alveolar-capillary membrane is discussed in relation to the parasite's attachment to the alveolar epithelium (results in subsequent degeneration of Type I pneumocytes)

Pathology, Protozoa
Yusuf JN; Piekarski G; Pelster B
1980 Ztschr Parasitenk 62 (3) 231-240 Wa
Toxoplasma gondii, Trichinella spiralis, single and double infections in mice, antibody production, number of Toxoplasma brain cysts, Trichinella worm burden, host body weight

Pathology, Protozoa
Yvore P et al
1980 Internat Goat and Sheep Research 1 (2) Summer 163-167 Wa
Eimeria spp., goat (exper.), acute and chronic development, lesions in small intestine

Pathology, Protozoa
Zajacova E; Pavlikova D; Vranakova V
1979 Bratisl Lekar Listy 72 (4) Oct 434-441 Wm
trichomoniasis, human vaginal infections, evidence that infestation interferes with metabolism of glucophosphates found in the squamous epithelium of the uterine portion, proliferative changes in connective tissues

Pathology, Protozoa
Zielasko B et al
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 223-228 Wa
Sarcocystis suicanis, pigs (exper.), pathology, development of immunity

Pathology, Protozoa
Zwart D; Brocklesby DW
1979 Advances Parasitol 17 49-113 Wa
babesiosis, non-specific resistance, immunology, pathogenesis, extensive review

Pathology, Trematoda
Abdel-Fattah MM et al
1978 Am Heart J 95 (2) Feb 141-145 Wm
bilharzial cor pulmonale, humans, mechanisms of pulmonary hypertension and arterial hypoxemia

Pathology, Trematoda
Abdel Wahab KSE et al
1978 J Egypt Med Ass 61 (3-4) 263-283 Wm
Schistosoma mansoni-infected mice superinfected with one or more Coxsackie type virus, changes in induced pathology and in mouse spleen lymphocyte responses (measured by lymphocyte migration inhibition test)

Pathology, Trematoda
Abdel-Wahab MF et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 868-874 Wa
Schistosoma mansoni, human, prevalence, intensity, morbidity, host age and sex: Nile Delta village, Egypt

Pathology, Trematoda
Abrantes WL et al
1981 AMB Rev Ass Med Brasil 27 (3) Mar 110 Wm
schistosomiasis, hepatosplenic infections with associated pulmonary hypertension, humans, embolization of splenic artery for treatment of acute cor pulmonale following selective portal decompression

Pathology, Trematoda
Abuzeid Y et al
1977 Ain Shams Med J 28 (5-6) Sept-Nov 393-395 Wm
schistosomal granuloma of spinal cord vs. non-schistosomal granuloma, histopathology, results of circumoval precipitin test and clinical features of 2 cases compared: Egypt

Pathology, Trematoda
Al-Ghorab MM; Smith DR
1979 Tr Am Ass Genito-urin Surg 71 70-75 Wm
Schistosoma haematobium, human genitourinary infection, diagnosis, pathology, clinical management, general review

Pathology, Trematoda
Al-Shukri SH
1980 Urol i Nefrol (4) July-Aug 43-46 Wm
schistosomiasis, humans, resulting in ureteral stenosis, surgical therapy

Pathology, Trematoda
Ameres JP; Levine MP; DeBlasi HP
1976 Am Surg 42 (3) Mar 170-172 Wm
Clonorchis sinensis, Korean man, case report, acalculous obstruction of biliary tract; brief literature review: United States

Pathology, Trematoda
Anderson PH et al
1981 Research Vet Sc 31 (1) July 1-4 Wa
evaluation of plasma enzyme activities, some other blood components and bromsulphthalein clearance rates as indicators of liver disease in cattle following carbon tetrachloride poisoning and experimental fascioliasis

Pathology, Trematoda
Andrews P; Dycka J; Frank G
1980 Ann Trop Med and Parasitol 74 (2) Apr 167-177 Wa
Schistosoma mansoni-infected vs. healthy mice, hepatic and haematopoetic functions, response to praziquantel treatment

Pathology, Trematoda
Ashizawa H et al
1980 Bull Fac Agric Miyazaki Univ 27 (2) Dec 217-223 Wa
Paragonimus ohirai in Sus scrofa leucomystax (lungs), histopathology: Miyazaki Prefecture

Pathology, Trematoda
Ashizawa H et al
1980 Bull Fac Agric Miyazaki Univ 27 (2) Dec 251-259 Wa
Paragonimus miyazakii in Mustela sibirica itatsi and M. sibirica coreana, pulmonary lesions caused by penetrating flukes, egg-induced pleural lesions, and cyst formation in lungs, macroscopic and histological findings: Miyazaki Prefecture

Pathology, Trematoda
Ashizawa H et al
1980 Bull Fac Agric Miyazaki Univ 27 (2) Dec 261-266 Wa
Erschoviorchis lintoni in Aix galericulata (pancreatic duct), histopathology, occlusion of some ducts exclusively by eggs suggests high egg laying capacity of parasite: Usuki City, Oita Prefecture, Japan

Pathology, Trematoda
Atalla A
1978 J Egypt Med Ass 61 (7-8) 561-567 Wm
schistosomal cystitis, humans, pathological manifestations of various types of urethral lesions

Pathology, Trematoda
Aubry P; Capdevielle P; Durand G
1980 Med Trop 40 (1) Jan-Feb 53-57 Wm
Schistosoma spp., human, hepatosplenic pathology, current diagnostic measures

Pathology, Trematoda
Barger IA; Dash KM; Southcott WH
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 65-74 Wa
Fasciola hepatica, sheep, economic importance, occurrence, epidemiology, pathogenesis, control, review: Australia

Pathology, Trematoda
Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 102-112 Wa
Schistosoma mansoni, rats, initial and challenge infections, cellular response in lungs and liver, ultrastructural analysis

Pathology, Trematoda
Bittencourt AL et al
1980 Am J Trop Med and Hyg 29 (4) July 571-575 Wa
Schistosoma mansoni, human, 4 cases of placental involvement, histopathological features, no evidence of fetal infection: Brazil

Pathology, Trematoda
Blair D; Beveridge I; Speare R
[1980] Ann Parasitol 54 (6) Nov-Dec 1979 585-592 Wa
Macropotrema pertinax gen. et sp. nov. in Macropus agilis (caecum), associated pathology

Pathology, Trematoda
Bloch EH
1980 Am J Trop Med and Hyg 29 (1) Jan 62-70 Wa
Schistosoma mansoni, in vivo microscopy in mice, dynamics of schistosomule and egg migration in lungs, liver, and intestine, feeding pattern of schistosomules, tissue pathology

Pathology, Trematoda
Borojevic R; Grimaud JA
1980 Cellular and Molec Biol 26 (2) 247-250 Wa
Schistosoma mansoni, human collagen fibers in enlarged basement membranes in liver and spleen

Pathology, Trematoda
Brant PC; Prata A
1979 Rev Inst Med Trop S Paulo 21 (5) Sept-Oct 254-259 Wm
Schistosoma mansoni, altered drug metabolism in patients with hepatosplenic disease may be due to increased systemic bioavailability of drug, implications for adjusting doses of antischistosomal agents to avoid toxic reactions

Pathology, Trematoda
Bushara HO et al
1980 Am J Trop Med and Hyg 29 (3) May 442-451
Wa
Schistosoma bovis, cattle, experimental demonstration of naturally acquired resistance, gross clinical observations, body weights, hematology, pathophysiology, parasitology, histopathology: Kosti, Sudan

Pathology, Trematoda
Buzzoni HD; Saad F
1980 Rev Paul Med 96 (3-4) Sept-Oct 79-80 Wm
Schistosoma mansoni, man, testicular schistosomal granuloma, case review, diagnosed by testicular biopsy and histological review: Brazil

Pathology, Trematoda
Caple IW et al
1978 J Wildlife Dis 14 (1) Jan 110-115 Wa
Fasciola jacksoni in Elephas maximus (bile ducts), severe submandibular and ventral abdominal oedema, anemia, haematologic values before and after nitroxynil treatment, severe local reactions at injection site: Pahang, Central Malaysia

Pathology, Trematoda
Catalini N et al
1978 Parassitologia 20 (1-3) Dec 169-173 Wa
helminths, Salmo trutta (intestine), histological changes, attachment of Cyathocephalus truncatus: River Tirino (L'Aquila, Italy)

Pathology, Trematoda
Cha YN et al
1980 Am J Trop Med and Hyg 29 (2) Mar 234-238
Wa
Schistosoma mansoni-infected athymic nude mice vs. normal heterozygotes, activities of several hepatic drug-metabolizing enzymes, severe reductions of hepatic drug-metabolizing capacity occur only in mice that are immunologically competent and are dependent on host's response to parasite eggs

Pathology, Trematoda
Cha YN; Heine HS; Bueding E
1980 Am J Trop Med and Hyg 29 (2) Mar 227-233
Wa
Schistosoma mansoni, unisexual infections of mice, accumulation of schistosome pigment without egg deposition does not result in severe reduction of hepatic drug-metabolizing enzyme activities

Pathology, Trematoda
Charles D et al
1980 Med Trop 40 (3) May-June 271-279 Wm
Schistosoma spp., humans, cardiac involvement, pathology and physiopathology of 100 cases reviewed, emphasis on caution in treatment of persons with cardiac involvement

Pathology, Trematoda
Cheever AW et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1327-1339
Wa
Schistosoma japonicum, rabbits infected with Japanese and Philippine strains, hepatic fibrosis, imperfect experimental model of Symmers' clay pipestem fibrosis but only one available other than chimpanzee

Pathology, Trematoda
Cheever AW; Duvall RH
1981 Am J Trop Med and Hyg 30 (3) May 604-608
Wa
Schistosoma haematobium-infected Hylobates lar (exper.), bladder calcification and obstructive uropathy despite low mean excretion of eggs

Pathology, Trematoda
Cheever AW; Duvall RH; Minker RG
1980 Am J Trop Med and Hyg 29 (6) Nov 1316-1326
Wa
Schistosoma japonicum, rabbits infected with Japanese vs. Philippine strain, extrahepatic pathology, relation of intestinal lesions to passage of eggs in feces

Pathology, Trematoda
Chen MC et al
1981 Lancet London (8227) 1 May 2 971-973 Wa
schistosomal granulomatous disease of the large intestines, humans, retrospective review of clinical data and surgical specimens, colonic dysplastic epithelial changes found in several cases are regarded as pathological basis for the malignant potential of schistosomal colitis

Pathology, Trematoda
Combes C; Jourdane J; Knoepffler LP
1974 Bull Soc Zool France 99 (2) 219-236 Wa
Euzetrema knoepffleri in Euproctus montanus, life cycle, morphology, pathology

Pathology, Trematoda
Costa JS et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 246-260 Wm
Schistosoma mansoni-infected mice, growth, blood picture, histology of glands and reproductive organs, effect of splenectomy

Pathology, Trematoda
Craig TM; Panigrahy B; Houston RS
1980 J Am Vet Med Ass 177 (9) Nov 1 915-916 Wa
Gigantobilharzia sp. in Callipepla squamata (lamina propria of small intestine, liver), fatal infection, case report: Texas A&M University, reared on farm near Tyler, Tex.

Pathology, Trematoda
Dargie JD
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 560-562
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Schistosoma bovis, pathogenesis of infection in Sudanese cattle, review

Pathology, Trematoda
Dean DA; Bukowski MA; Cheever AW
1981 Am J Trop Med and Hyg 30 (4) July 806-814
Wa
Schistosoma mansoni in 10 strains of mice, relationship between acquired resistance, portal hypertension, and lung granulomas

Pathology, Trematoda
Dedieu P; Gibon M
1981 Gastroenterol Clin et Biol 5 (4) Apr 456-468 Wm
intestinal parasites, humans, cause of malabsorption syndromes, general clinical review, therapy

Pathology, Trematoda
Delormas P; Ambroise-Thomas P
1980 Med Trop 40 (3) May-June 281-284 Wm
Schistosoma haematobium, S. mansoni, humans, pathology of respiratory system

Pathology, Trematoda
Dietrick RB; Sade RM; Pak JS
1981 J Thoracic and Cardiovasc Surg 82 (1) July 58-62 Wm
chronic empyema, humans, clinical management, surgical therapy, Paragonimus westermani as an associated complication: Korea

Pathology, Trematoda
Doenhoff MJ et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 41-53 Wa
Schistosoma mansoni, immunological control of hepatotoxicity and parasite egg excretion, stage specificity of therapeutic effect of immune serum in heavily infected T-cell deprived mice, protection assessed both by recipients' serum transaminase concentrations and degree of cytoplasmic microvesicular damage in livers

Pathology, Trematoda
Domingo EO et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 858-867 Wa
Schistosoma japonicum, human, prevalence, intensity, morbidity, host age and sex: Leyte, Philippines

Pathology, Trematoda
Dunn MA
1981 Biochem Parasites (Slutzky) 191-199 Wa
Schistosoma mansoni, S. japonicum, host liver fibrosis, review: substrate regulation by proline of collagen synthesis, process of collagenolysis and potential reversibility of liver fibrosis, mediators of fibrogenesis in liver

Pathology, Trematoda
Dunne DW et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 54-71 Wa
Schistosoma mansoni, identification and partial purification of egg antigen (ω_1) which induces in normal mice synthesis of precipitating antibodies capable of preventing development of hepatotoxic reaction and of enhancing egg excretion in heavily infected T-cell deprived recipient mice

Pathology, Trematoda
Dutra M et al
1979 Rev Inst Med Trop S Paulo 21 (2) Mar-Apr 99-105 Wa
S[chistosoma] mansoni, patients with glomerulopathy, effects of corticosteroids, cyclophosfamides and anti-schistosomal drugs

Pathology, Trematoda
El Assiouty IM et al
1975 Ain Shams Med J 26 (1) Jan 13-19 Wm
bilharzial hepatic fibrosis, humans, inhibitory effects of E-amino caproic acid and heparin on fibrinolytic activity, usefulness in controlling bleeding

Pathology, Trematoda
El-Bolkainy MN et al
1981 Cancer 48 (12) Dec 15 2643-2648 Wa
Schistosoma haematobium, patients with bladder carcinoma who had been treated by radical cystectomy, those with schistosome eggs in surgical specimens vs. egg-negative specimens, impact of schistosomiasis on bladder pathology: Egypt

Pathology, Trematoda
El-Gendi MA; Nassar SH
1980 Brit J Clin Pharmacol 10 (2) Aug 157-161 Wm
hepatosplenic schistosomiasis, humans, effects of histamine and histamine antagonists on portal blood pressure, tests suggest that histamine may contribute to physiopathologic changes and that antagonists may help in treating the hypertension, particularly the bleeding varices

Pathology, Trematoda
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Pathophysiology See Pathology; Physiology, Host

Penetration [See also Invasion mechanisms]

Penetration
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Penetration
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Penetration
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Penetration
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Penetration
Croll NA et al
1980 Exper Parasitol 50 (2) Oct 145-154 Wa
Phocanema decipiens, penetration through intestine of rats and other hosts, gross changes caused by penetration in intestine of naive and previously exposed rats, concluded that P. decipiens presents very small pathological potential to intact human gastrointestinal tract

Penetration
Danforth HD et al
1980 J Protozool 27 (2) May 193-202 Issued July 17 Wa
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Penetration
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Penetration
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Penetration
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Penetration
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Schistosoma mansoni, mice, 21 coumarin derivatives tested for repellent action against cercarial penetration of host skin

Penetration
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Penetration
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Schistosoma mansoni-infected mice treated with previously extracted skin lipids showed greater penetration of cercariae than mice who had had lipids removed from their skin, these lipids may allow cercarial transformation to schistosomula as well as increase penetration

Penetration
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Penetration
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Penetration
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Penetration
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Penetration
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Peptides See Proteins

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Periodicity
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Caecincola latostoma, Cryptogonimus spinovum, and Textrema hopkinsi, patterns of cercarial emergence, metacercarial and adult development cycle, population densities in vertebrate and invertebrate hosts: south Louisiana

Periodicity
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Circadian rhythms in the mammalian central nervous system, blood pressure and parasites--hobbies of Rudolf Engel, historical article, includes section on Wuchereria bancrofti

Periodicity
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Wuchereria bancrofti, unsuccessful attempts to identify physiological components of circadian rhythm of human body which entrain periodic cycle of microfilariae

Periodicity
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Periodicity
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1980 Compt Rend Acad Sc Paris 291 s D Sc Nat (12) Dec 8 985-988 Wa
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1980 J Zool London 191 (3) July 429-433 Wa
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Periodicity
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Periodicity
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Leucocytozoon smithi, effects of host feeding schedules on diurnal periodicity of gametocytes in peripheral blood of domestic turkeys

Periodicity
Nojima H et al
1980 J Parasitol 66 (6) Dec 1010-1013 Issued May 6 1981 Wa
Schistosoma japonicum, two patterns of emergence of cercariae from Oncomelania quadrasi (initial nonperiodic and subsequent diurnal periodic emergence), effect of light intensity on output pattern and rate, cyclic nature of cercarial output

Periodicity
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Periodicity
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1980 Zool Jahrb Jena Abt Syst 107 (2) 265-285 Wa
Oestromyia leporina, egg development and adaptation; thermotactic orientation of 1st stage larvae; 2nd stage immobile and not capable of coordinated locomotion; leaving of host by mature 3rd stage induced by light; interruption of diapause by freezing or its omission by keeping host under long-day conditions during last 2-5 days of 3rd larval stage

Periodicity
Short NJ; Norval RAI
1981 J Parasitol 67 (1) Feb 77-84 Wa
Rhipicephalus appendiculatus, larvae, nymphs, adults, seasonal activity, vertical migration of adults on vegetation, influence of climatic factors (temperature, humidity, day length)

Periodicity
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1981 Trop Animal Health and Prod 13 (1) Feb 19-26 Wa
Rhipicephalus appendiculatus (vector of Theileria parva), seasonal occurrence, regulatory roles of different climatic factors (humidity, temperatures, daylength), simple model which can be used to predict seasonal occurrence of adults: Africa

Periodicity
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1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 451-460 Wa
Brugia malayi, humans from indigenous village vs. those living in new Transmigration Scheme, incidence survey (host age and sex distribution) and transmission study, incidence in domestic cats, periodicity, survey for potential vectors: East Kalimantan, Indonesia

Periodicity
Suzuki T et al
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 47-54 Wa
Brugia malayi, humans, microfilaria survey, nocturnal periodicity, confirmation of principal mosquito vectors: Bengkulu, Indonesia

Periodicity
Tanaka H
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microfilarial periodicity of human filariae, comparison of calculation by trigonometric method of Aikat and Das vs. statistical method of Sasa and Tanaka

Periodicity
Tanaka H et al
1980 Japan J Exper Med 50 (2) Apr 85-89 Wa
Wuchereria bancrofti, survey, high prevalence in indigenous tribes, host age and sex distribution, periodicity: Northern Mindanao, Philippines

Periodicity
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1980 Ann Trop Med and Parasitol 74 (3) June 347-354 Wa
Schistosoma haematobium study area, human water-contact activities, frequency, degree of bodily contact with water, diurnal variation, age and sex differences, dry vs. wet season, implications for schistosomiasis transmission and control: Ruwan Sanyi dam, Malumfashi District, northern Nigeria

Periodicity
Theron A
1980 Compt Rend Acad Sc Paris 291 s D Sc Nat (2) Sept 15 279-282 Wa
Schistosoma mansoni originating from Brazil or from Guadeloupe in Biomphalaria glabrata originating from Brazil or from Guadeloupe, emission kinetics of cercariae, demonstration of chronobiological races of parasite

Periodicity
Theron A
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Schistosoma mansoni, measurement of cercarial density in local running water used to assess potential risk of human contamination in an endemic area: Guadeloupe

Periodicity
Theron A
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Schistosoma mansoni, dynamics of larval populations in Biomphalaria glabrata, rhythmic production of cercariae in monomiracidial infections

Periodicity
Theron A
1981 Ann Trop Med and Parasitol 75 (5) Oct 547-554 Wm
Schistosoma mansoni, dynamics of larval populations in Biomphalaria glabrata, chronobiology of intramolluscal larval development during shedding period

Periodicity
Vanoverschelde R; Vaes F
1980 Parasitology 81 (3) Dec 609-617 Wa
Himasthla militaris, emergence patterns of cercariae from Hydrobia stagnorum, effect of light/dark factor; penetration, migration, and localization of larvae in Nereis diversicolor

Periodicity
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1980 Applied Entom and Zool 15 (3) Aug 198-206 Wa
Haemaphysalis longicornis larvae, measuring apparatus for recording larval movement; diurnal activity and behavior during light and darkness and at different temperatures, tick response to increased CO_2 in air, theory for host perception

Periodicity
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1980 Tr Roy Soc Trop Med and Hyg 74 (5) 624-632 Wa
malaria, human, epidemiological background in Pakistan, results of Malaria Control Programme launched in 1975, long-term periodicity of disease in the Punjab

Peritoneum
Clayton CE et al
1980 Infect and Immun 28 (3) June 824-831 Wm
Trypanosoma b. brucei, mice, cellular proliferation and functional depletion in blood, peritoneum, and spleen related to changes in bone marrow stem cells

Peritoneum
Khavkin T
1981 J Protozool 28 (3) Aug 317-325 Wa
Toxoplasma gondii in nonimmune nonresistant mice, interaction of tachyzoites with host omentum with special reference to biological characteristics of parasite that evoke pathological change in host cell and general response of host cell and tissues to infection, histological and ultrastructural studies

Peritoneum
Shaker A; Tamara F; Farid A
1975 Ain Shams Med J 26 (3) May 331-333 Wm
schistosomal hepatic fibrosis with splenomegaly and ascites, humans, percutaneous peritoneal biopsy to assess pathological changes

Permeation [See also Absorption; Osmosis]

Permeation
Clarke AJ; Perry RN
1980 Parasitology 80 (3) June 447-456 Wa
Ascaris suum, egg-shell permeability and hatching

Permeation
Gruenberg J et al
[1981] J Protozool 27 (4) Nov 1980 484-491 Issued Mar 11 Wa
Trypanosoma brucei brucei, bloodstream forms, role of glycerol permeation in relation to anaerobic metabolism

Permeation
Howells RE; Chen SN
1981 Exper Parasitol 51 (1) Feb 42-58 Wa
Brugia pahangi, transcuticular uptake of D-glucose, L-leucine, and adenosine in vitro, no evidence for oral ingestion of materials in vitro but oral uptake of Trypan blue demonstrated in vivo, ultrastructure and cytochemical staining reactions for enzymes of gut and body wall

Permeation
Matricon-Gondran M
1980 Tissue and Cell 12 (2) 383-394 Wa
Echinostoma caproni, gap junctions and particle aggregates in tegumentary syncytium, significance of these structures with respect to tegumentary permeability and exchanges with parenchyma

Permeation
Prod'hon J; Pichon G; Riviere F
1980 Cahiers ORSTOM s Entom Med et Parasitol 18 (1) 13-25 Wa
Wuchereria bancrofti var. pacifica, quantitative study of permeability of gut of Aedes polynesiensis and Culex pipiens fatigans for different numbers of microfilariae ingested, mathematical analysis

Permeation
Thuet P; Romestand B
1981 Arch Internat Physiol et Biochim 89 (1) Feb 15-33 Wa
Meinertia oestroides, Anilocra physodes, osmotic and ionic regulation, water transfer as function of salinity of medium, relationship to localization on host body, hypothesis concerning mechanism of feeding; some results also for Emetha audouini

Permeation
Wharton DA
1980 Parasitology 81 (1) Aug 103-113 Wa
function of oxyurid egg-shell

Permeation
Yoneda K; Walzer PD
1981 Brit J Exper Path 62 (4) Aug 339-346 Wa
Pneumocystis carinii pneumonia, exper. infection in rats, pathogenesis of increased permeability of the alveolar-capillary membrane is discussed in relation to the parasite's attachment to the alveolar epithelium (results in subsequent degeneration of Type I pneumocytes)

pH See Hydrogen ion concentration

Phagocytosis [See also Endocytosis; Invasion mechanisms; Macrophages; Pinocytosis]

Phagocytosis
Abdul-Salam JM; Michelson EH
1980 J Invert Path 35 (3) May 241-248 Wa
Schistosoma mansoni in Biomphalaria glabrata, effect of infection on morphology, phagocytic activity, and number of amoebocytes in hemolymph

Phagocytosis
Abdul-Salam JM; Michelson EH
1980 J Invert Path 36 (1) July 52-59 Wa
Biomphalaria glabrata amoebocytes, assay of factors influencing in vitro phagocytosis

Phagocytosis
Alcantara A; Brener Z
1978 Acta Trop 35 (3) Sept 209-219 Wa
Trypanosoma cruzi, Y vs. CL strain, uptake by and further development in mouse peritoneal macrophages, effect of opsonization

Phagocytosis
Alcantara A; Brener Z
1980 Exper Parasitol 50 (1) Aug 1-6 Wa
Trypanosoma cruzi, role of macrophage membrane components in phagocytosis of bloodstream forms, may help to explain tropism of some T. cruzi strains for cells of mononuclear phagocytic system in living host

Phagocytosis
Barriga OO
1980 Infect and Immun 30 (3) Dec 832-834 Wa
Trichinella spiralis-infected mice, modulation of carbon particle uptake (unchanged, enhanced, or inhibited, depending on stage of infection)

Phagocytosis
Bautista CR; Kreir JP
1980 Tropenmed u Parasitol 31 (3) Sept 313-324 Wa
Babesia microti, action of macrophages and immune serum on growth of parasites in short-term cultures

Phagocytosis
Benoliel AM et al
1980 Immunology 41 (3) Nov 547-560 Wm
non-specific binding by macrophages, existence of different adhesive mechanisms and modulation by metabolic inhibitors, Leishmania mexicana amazonensis one of 5 test particles

Phagocytosis
Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Phagocytosis
Brown J; Smalley ME
1981 Clin and Exper Immunol 46 (1) Oct 106-109 Wa
Plasmodium falciparum, polymorphonuclear neutrophil leucocytes (PMN) from children with acute infection significantly inhibited parasite growth in vitro in homologous and in non-immune serum, phagocytosis of schizonts was observed, PMN from uninfected children and uninfected adults had no effect on parasite growth

Phagocytosis
Buchmueller Y; Mauel J
1980 J Reticuloendothel Soc 27 (1) Jan 89-96 Wm
Leishmania enriettii, inhibitors of serine-esterases enhance lymphokine-induced microbicidal activity in macrophages

Phagocytosis
Capron A; Dessaint JP; Capron M
1980 Med Trop 40 (3) May-June 243-249 Wm
schistosomiasis, effector mechanisms in immunity, role of anaphylactic antibodies, activation of various phagocytic cell populations by immunoglobulin isotypes, general review

Phagocytosis
Carvalho RMG et al
1981 Infect and Immun 33 (2) Aug 546-554 Wa
Trypanosoma cruzi, spheromastigotes (amastigotes), method for isolation, interaction with mouse macrophages in vitro

Phagocytosis
Chang KP
1981 Am J Trop Med and Hyg 30 (2) Mar 322-333 Wa
Leishmania donovani. leishmanicidal mechanisms of human polymorphonuclear phagocytes

Phagocytosis
Chang KP
1981 Am J Trop Med and Hyg 30 (2) Mar 334-339 Wa
Leishmania donovani. antibody-mediated inhibition of phagocytosis in amastigote-human phagocyte interactions in vitro

Phagocytosis
Chung PR; Chang JK; Soh CT
1975 Yonsei Rep Trop Med 6 (1) Nov 31-36 Wm
Toxoplasma gondii-infected mice treated with cortisone, acceleration in development of Toxoplasma cysts in tissue, suppression of macrophage supply into peritoneal cavity, most mice that died were males

Phagocytosis
Cook RM
1981 Internat J Parasitol 11 (2) Apr 149-156 Wa
Trypanosoma brucei, effects of immune sera on promoting attachment and subsequent ingestion of trypanosomes by peritoneal exudate cells, attachment did not appear to be mediated by variant specific antibodies

Phagocytosis
Danforth HD et al
1980 J Protozool 27 (2) May 193-202 Issued July 17 Wa
Plasmodium berghei, P. knowlesi, sporozoites, attachment to, interiorization, and fate within macrophages in vitro in presence of normal or immune serum

Phagocytosis
Endo T; Pelster B; Piekarski G
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1980 European J Biochem 113 (1) Dec 15 223-227 Wm
Trypanosoma brucei, 'swell dialysis' demonstrates that adenylate cyclase is regulated by calcium ions, physiological function of calcium activation of adenylate cyclase not established but possible role in change of surface coat in bloodstream forms should be considered

Physiology, Protozoa
Voorheis HP; Martin BR
1981 European J Biochem 116 (3) June 1 471-477 Wm
Trypanosoma cruzi, characteristics of calcium-mediated mechanism activating adenylate cyclase

Physiology, Trematoda
Bhatnagar AK; Gupta AN; Srivastava RC
1980 Ztschr Parasitenk 64 (1) 77-84 Wa
Ceylonocotyle scoliocoelium, histology and cytochemistry of neuroendocrine components, possible functional significance

Physiology, Trematoda
Bogitsh BJ
[1980] J Parasitol 65 (6) Dec 1979 964-966 Issued Apr 2 Wa
Schistosoma mansoni, in vitro effects of actinomycin-D on gastrodermis of schistosomules, treated schistosomules were incapable of ingesting red blood cells

Physiology, Trematoda
Bogitsh BJ; Carter OS
1980 Exper Parasitol 49 (3) June 319-327 Wa
Schistosoma mansoni, effect of colchicine on in vitro uptake and incorporation of proline in tegument of male vs. female adults, on cytochemical localization of alkaline phosphatase in tegumental invaginations, and on tegumental and subtegumental morphology

Physiology, Trematoda
Bundy DAP
1981 Parasitology 82 (2) Apr 319-334 Wa
Transversotrema patialense, swimming behavior of cercaria, high-speed micro-cinematography, quantitative analysis of configurational changes

Physiology, Trematoda
Cornford EM; Bocash WD; Oldendorf WH
1981 J Parasitol 67 (1) Feb 24-30 Wa
Schistosomatium douthitti, transintegumental glucose uptake in male and female worms, possible implications for male-female nutritional relationships

Physiology, Trematoda
Cornford EM; Huot ME
1981 Science (4513) 213 Sept 11 1269-1271 Wa
Schistosoma spp., comparison of hexose assimilation in paired and unpaired males and females, glycogen and protein content of paired and unpaired males and females, demonstration of glucose transfer from males to females

Physiology, Trematoda
Dei-Cas E; Dhainaut-Courtois N; Biguet J
1981 Ann Parasitol 56 (3) 271-284 Wa
Schistosoma mansoni, radioautographic localization of uptake of tritiated serotonin and dopamine by adult worms in vitro, evidence in favor of role of these substances as neurotransmitters, no uptake by larval stages

Physiology, Trematoda
Fetterer RH; Mussie EW; Bennett JL
1981 Comp Biochem and Physiol 69B (4) 803-808 Wa
Schistosoma mansoni, adenosine triphosphate-dependent ouabain binding in homogenates of male and female worms, results suggest that receptor for ouabain is Na^+,K^+-ATPase

Physiology, Trematoda
Fetterer RH; Pax RA; Bennett JL
1980 Exper Parasitol 49 (3) June 353-365 Wa
Schistosoma mansoni, characterization of electrical potential from ventral tegument of adult males, effect of carbachol, dopamine, and praziquantel

Physiology, Trematoda
Fetterer RH; Pax RA; Bennett JL
1981 Parasitology 82 (1) Feb 97-109 Wa
Schistosoma mansoni adult males, evidence of significant role for active Na^+-K^+ transport in muscle contraction and in maintenance of tegumental membrane potential, data suggest that Na^+-K^+ transport may be electrogenic

Physiology, Trematoda
Fetterer RH; Vande Waa JA; Bennett JL
1980 Molec and Biochem Parasitol 1 (4) Aug 209-219 Wa
Schistosoma mansoni, characterization and localization of ouabain receptors, effect of antischistosomal drugs on ouabain binding; some results also with S. japonicum

Physiology, Trematoda
Hanna REB
1980 Exper Parasitol 50 (3) Dec 297-304 Wa
Fasciola hepatica, autoradiography of protein synthesis, transport, and secretion by tegument

Physiology, Trematoda
LeFlore WB; Bass HS; Smith BF
1980 Tr Am Micr Soc 99 (2) Apr 201-206 Wa
Cloacitrema michiganensis from Cerithidea californica, histochemical localization of hydrolytic enzymes in cercariae, role in physiology, some details of nervous system gross morphology

Physiology, Trematoda
Lutz PL; Iversen ES; Tocci PM
1981 J Parasitol 67 (2) Apr 280-281 Wa
Hirudinella ventricosa, protonephridial fluid, pH, chloride ion concentration, osmotic pressure, amino acid composition

Physiology, Trematoda
Matricon-Gondran M
1980 Tissue and Cell 12 (2) 383-394 Wa
Echinostoma caproni, gap junctions and particle aggregates in tegumentary syncytium, significance of these structures with respect to tegumentary permeability and exchanges with parenchyma

Physiology, Trematoda
Mehta S; Gupta AN; Simlot MM
1980 Indian J Exper Biol 18 (12) Dec 1534 Wa
Paramphistomum cervi, muscle protein and acetylcholinesterase isoenzyme patterns in oral and posterior suckers

Physiology, Trematoda
Mitchell JB; Mason AR; Whalley AJS
1980 Internat J Parasitol 10 (3) June 181-182 Wa
Gorgoderina vitelliloba, survival of intact cercariae in pond water and of isolated cercarial bodies in Ringer's Solution, pond water, or pond water + antibiotic, suggested that wall of anterior tail chamber protects body from osmotic stress imposed by life in fresh water

Physiology, Trematoda
Otubanjo OA
1981 Parasitology 82 (1) Feb 125-130 Wa
Schistosoma mansoni, sustentacular cells of testes, complexity and subcellular characteristics, possible functions

Physiology, Trematoda
Popiel I; Erasmus DA
1981 J Helminth 55 (1) Mar 33-37 Wa
Schistosoma mansoni, changes in rate of tyrosine uptake and incorporation by unisexual females after stimulation by males and male extracts, implications for reproductive development

Physiology, Trematoda
Rees FG
1981 Ztschr Parasitenk 65 (1) 19-30 Wa
Parorchis acanthus, redia, regional and age differences in ultrastructure of epidermis, transmission electron microscopy, possible functions of epidermal regions discussed

Physiology, Trematoda
Roberts TM; Linck RW; Chernin E
1980 J Exper Zool 211 (2) Feb 137-142 Wa
Schistosoma mansoni, role of cilia and subepithelial muscles in turning behavior of stimulated miracidia

Physiology, Trematoda
Roy TK
1980 Indian J Exper Biol 18 (4) Apr 385-392 Wa
Ceylonocotyle scoliocoelium, nonspecific and specific phosphatases, tissue distribution and functional significance

Physiology, Trematoda
Rumjanek FD; Simpson AJG
1980 Molec and Biochem Parasitol 1 (1) Mar 31-44 Wa
Schistosoma mansoni, incorporation and utilization of radiolabelled lipids by adult schistosomes in vitro

Physiology, Trematoda
Sharma PN; Mandawat S; Sharma AN
1981 J Helminth 55 (2) June 141-148 Wa
Ceylonocotyle scoliocoelium, Mehlis' gland, non-enzymatic and enzymatic histochemistry, physiological implications

Physiology, Trematoda
Uglem GL
1980 J Parasitol 66 (5) Oct 748-758 Wa
Proterometra macrostoma, sugar transport by rediae and cercarial bodies in relation to environmental factors, no sugar transport system detected in adults or cercarial tails

Physiopathology See Pathology; Physiology, Host

Pigmentation See Pigments

Pigments
Cha YN; Heine HS; Bueding E
1980 Am J Trop Med and Hyg 29 (2) Mar 227-233 Wa
Schistosoma mansoni, unisexual infections of mice, accumulation of schistosome pigment without egg deposition does not result in severe reduction of hepatic drug-metabolizing enzyme activities

Pigments
Chou AC; Chevli R; Fitch CD
1980 Biochemistry, Washington 19 (8) Apr 15 1543-1549 Wa
Plasmodium berghei, ferriprotoporphyrin IX fulfills criteria for identification as chloroquine receptor of malaria parasites

Pigments
Czeczuga B
1981 Hydrobiologia 76 (1-2) Jan 5 13-15 Wa
Gordius aquaticus, presence of carotenoids in specimens from deep wells

Pigments
Czeczuga B; Urban E
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (7) 557-560 Wa
Dermanyssus gallinae, Menopon gallinae, carotenoids in parasites and in infected hen skin compared, β-carotene metabolism, lowered β-carotene (vitamin A source) in birds

Pigments
Elias EA; van Wijk HB; Elias RA
1980 Trop and Geogr Med 32 (4) Dec 286-297 Wa
Schistosoma intercalatum-infected Syrian hamsters, pathologic changes in different internal organs, comparisons (pigment deposits, granulomas) with S. mansoni infection in same species

Pigments
Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 52-60 Wa
Plasmodium falciparum, evaluation of several methods for recognition of pigment and parasites in human placenta

Pigments
Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 61-72 Wa
Plasmodium falciparum-infected human placentae, histological, ultrastructural, and immunopathological studies

Pigments
Haiba MH; Iskander AR
1979 Vet Med J Giza 26 (26) 1978 177-183 Issued Aug 8 Wa
Ascaridia and Cotugnia-infected and uninfected pigeons, hepatic vitamin A, carotene, serum calcium, inorganic phosphorus, and magnesium levels

Pigments
Healy GR; Ruebush TK II
1980 Am J Clin Path 73 (1) Jan 107-109 Wa
Babesia microti, description of morphologic characteristics seen in Giemsa-stained human blood smears, differentiated from Plasmodium spp. by presence of pigment deposits in erythrocytes parasitized with older stages of Plasmodium

Pigments
Herberts C; de Frescheville J
1981 Comp Biochem and Physiol 70B (3) 657-659 Wa
Sacculina carcini haemolymph contains haemocyanin

Pigments
Jearnpipatkul A et al
1980 Experientia 36 (9) Sept 15 1063-1064 Wa
Plasmodium berghei, chloroquine, quinacrine, and mefloquine bind to hemozoin, hemin, heme, protoporphyrin IX, and protease-digested methemoglobin, this binding may be basis for drug accumulation and action in parasite

Pigments
Maines MD; Senft AW
1981 Am J Trop Med and Hyg 30 (5) Sept 1010-1019 Wa
Schistosoma mansoni-infected mice, hepatic heme biosynthesis and degradation, hepatic hemoprotein content and mixed-function oxidase activities, mechanism of heme degradation, hemoprotein content of heart, serum and urinary iron levels

Pigments
Oetinger DF; Nickol BB
1981 J Parasitol 67 (5) Oct 672-684 Wa
Acanthocephalus dirus-infected Asellus intermedius and Lirceus garmani, A. jacksoni infected-L. lineatus, examination of relationships between pigmentation and sex of isopod, size of isopod, number of parasites in isopod, sex of parasites, and size and development of parasites, proposal of term 'pigmentation dystrophy' to describe altered pigmentation of North American freshwater isopods infected with species of Acanthocephalus

Pigments
Orjih AU et al
1981 Science (4521) 214 Nov 6 667-669 Wa
Plasmodium berghei, parasites isolated from mouse erythrocytes are lysed by hemin or by chloroquine-hemin complex, effect of hemin may explain protection against malaria provided by thalassemia and other conditions causing intracellular denaturation of hemoglobin, toxicity of chloroquine-hemin complex may explain selective antimalarial action of chloroquine

Pigments
Robinson GA; Fried B
1980 J Parasitol 66 (6) Dec 954 Issued May 6 1981 Wa
Amblosoma suwaense, histochemical observations on melanin in intestinal ceca of metacercariae

Pigments
Suteu E et al
1981 Arch Exper Vet-Med 35 (2) Mar 231-234 Wa
Eimeria tenella, chickens (exper.), influence of some coccidiostats on carotenoids and A-vitamin blood levels and blood serum fatty acids, comparison with non-treated group; drug efficiency evaluated by various methods

Pigments
Zavras ET; James HA
1979 J Invert Path 34 (3) Nov 276-284 Wa
Cryptocotyle lingua and Cercaria parvicaudata in Littorina littorea, carotenoids in snails and C. parvicaudata, snail foot pigmentation not related to parasitic infection: Connecticut

Pinocytosis [See also Endocytosis; Phagocytosis]

Pinocytosis
Threadgold LT; Hopkins CA
1981 Exper Parasitol 51 (3) June 444-456 Wa
Schistocephalus solidus adult, Ligula intestinalis plerocercoid, pinocytosis by tegument

Plasma cells
Ali-Khan Z; Siboo R
1980 Ztschr Parasitenk 62 (3) 255-265 Wa
Echinococcus multilocularis, mice infected with subcutaneous alveolar hydatid cysts, intense plasmacellular infiltration in paracortex of draining lymph nodes

Plasma cells
Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 102-112 Wa
Schistosoma mansoni, rats, initial and challenge infections, cellular response in lungs and liver, ultrastructural analysis

Plasma cells
Moulton JE
1980 Vet Path 17 (2) Mar 218-225 Wa
Trypanosoma brucei-infected Peromyscus maniculatus (exper.), plasma cell infiltration of various tissues, disruption of T cell zone of spleen, hyperplasia of germinal centers of spleen and lymph nodes, meningoencephalitis

Plasma proteins See Proteins

Pleomorphism See Polymorphism

Pneumonia [See also Lungs]

Pneumonia
Bittencourt AL et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 38-42 Wa
T[rypanosoma] cruzi, 10 cases of pneumonitis in congenital Chagas' disease, relationship between parasitic infection of lungs and that of amniotic epithelium, amniotic fluid as probable means of transmission of Chagas' disease among professionals working in area of obstetrics

Pneumonia
Botha WS; Van Rensburg IBJ
1979 J South African Vet Ass 50 (3) Sept 173-179 Wa
Pneumocystis carinii, dogs (lungs), pneumonia, clinical findings, gross- and histopathology, ultrastructural findings: South Africa

Pneumonia
Greene R
1980 Seminars Roentgenol 15 (1) Jan 50-72 Wm
opportunistic pneumonias, humans, clinical review, differential diagnosis, includes Toxoplasma, Pneumocystis, and Strongyloides

Pneumonia
Hasleton PS; Curry A; Rankin EM
1981 J Clin Path 34 (10) Oct 1138-1146 Wa
Pneumocystis carinii pneumonia, 18-year-old male with diffuse lymphocytic lymphoma, case review; light and electron microscopic features, life cycle, possible role of electron microscopy in early diagnosis

Pneumonia
Lanken PN et al
1980 Am J Path (457) 99 (3) June 561-588 Wa
Pneumocystis carinii pneumonia, immunosuppressed rats, suitable model for study of alveolar response to infection

Pneumonia
Le Tan Vinh et al
1980 Semaine Hop Paris 56 (15-16) Apr 18-25 744-750 Wm
Toxoplasma gondii pneumonia, 6-year-old child, case report, fatal generalized infection, anatomo-clinical observations, diagnosis based on bone marrow smear

Pneumonia
McCully RM et al
1979 J South African Vet Ass 50 (3) Sept 207-209 Wa
Pneumocystis carinii, dog (lung), pneumonia, case report, histopathology, electron microscopy: Cape Province, Republic of South Africa

Pneumonia
Reeder MM; Palmer PES
1980 Seminars Roentgenol 15 (1) Jan 35-49 Wm
acute tropical pneumonias in humans, etiology, brief clinical reviews, includes information on helminthic and protozoal diseases

Pneumonia
Scott A
1980 Vet Rec 107 (21) Nov 22 495-496 Wa
Dictyocaulus arnfieldi, donkey (lungs), acute respiratory distress possibly an anaphylactic reaction to dead worms stimulated by fenbendazole treatment

Pneumonia
Stagno S et al
1980 Pediatrics Am Acad Pediat 66 (1) July 56-62 Wa
Pneumocystis carinii pneumonia, immunocompetent infants, diagnosis by counterimmunoelectrophoresis or by open lung biopsy

Pneumonia
Stagno S et al
1981 Pediatrics Am Acad Pediat 68 (3) Sept 322-329 Wa
infant pneumonitis associated with Pneumocystis carinii, cytomegalovirus, Chlamydia, and Ureaplasma, prospective study of possible associations of pathologic agents, clinical and laboratory characteristics, and whether mixed infections result in increased severity of pathology: Alabama

Pneumonia
Willaert E; Stevens AR
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 779-783 Wa
Naegleria fowleri, mice (brains, lungs) (exper.), environmental isolate from cooling lake in Texas receiving thermal additions from electric power plant, caused both primary amoebic meningoencephalitis and pneumonitis after intranasal inoculation

Pneumonia
Yoneda K; Walzer PD
1980 Infect and Immun 29 (2) Aug 692-703 Wa
Pneumocystis carinii, rats, ultrastructural changes in host lung cells

Pneumonia
Yoneda K; Walzer PD
1981 Brit J Exper Path 62 (4) Aug 339-346 Wa
Pneumocystis carinii pneumonia, exper. infection in rats, pathogenesis of increased permeability of the alveolar-capillary membrane is discussed in relation to the parasite's attachment to the alveolar epithelium (results in subsequent degeneration of Type I pneumocytes)

Pneumothorax
Saheki Y; Ishitani R; Miyamoto Y
1981 Japan J Vet Sc 43 (3) June 315-328 Wa
Dirofilaria immitis, dogs, acute fatal pneumothorax

Poland
Glowniak C; Kowalska G
1979 Wiadom Lekar 32 (17) Sept 1 1205-1212 Wm
Lamblia intestinalis and intestinal helminths, children up to 1 year of age, incidence survey (by age and sex): Province of Rzeszow, Poland

Poland
Glowniak C; Rytarowski W
1978 Wiadom Lekar 31 (16) Aug 15 1105-1111 Wm
intestinal parasites, hospitalized children, survey, 1970-1976: Rzeszow, Poland

Polymorphism [See also Dimorphism; Morphology; Variation]

Polymorphism
Babiker EA; Le Ray D
1981 Ann Soc Belge Med Trop 61 (1) Mar 15-29 Wa
Trypanosoma brucei gambiense, adaptation of low virulence stocks to rats and mice, evaluation of some methods previously described for enhancing trypanosome infectivity (rapid passaging, drug-induced immunodepression, use of age-related receptivity), establishment of cloned pleomorphic populations

Polymorphism
Evans DA; Brightman CAJ
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 601-604 Wa
Trypanosoma spp., mice, treatment with SHAM + glycerol: monomorphic Trypanozoon completely cured; pleomorphic Trypanozoon initially cleared but later recrudesced; Trypanosoma vivax radically cured; T. congolense and T. musculi never cured

Polymorphism
Martinez Fernandez A et al
1970 Rev Iber Parasitol 30 (2-3) Apr-Sept 299-310 Wa
Eimeria spp. from rabbits morphologically near E. perforans, biometric and statistical study, pleomorphism observed; E. lugdunumensis, E. nagpurensis, and E. perforans cannot be differentiated solely upon their oocyst morphology

Polymorphism
Nantulya VM; Doyle JJ; Jenni L
1978 Acta Trop 35 (4) Dec 329-337 Wa
Trypanosoma congolense, cloned and uncloned derivatives of 3 recent field isolates, pleomorphism of bloodstream forms during course of first parasitaemic wave in mice, pleomorphism occurred both in normal and lethally irradiated mice even when infection was initiated using single organism, morphological types differed in their infectivity for mice

Polymorphism
Silard R
1979 Arch Roumaines Path Exper et Microbiol 38 (1) Jan-Mar 105-114 Wa
Blastocystis hominis, morphological alterations during course of life cycle, during mixed infections, after treatment with metronidazole, or under unfavorable experimental conditions

Polysaccharides See Carbohydrates

Polysomes See Ribosomes

Populations See Ecology, Populations

Precipitin reactions See Immunity, Precipitation

Pregnancy See Prenatal infection; Reproduction

Premunition See Immunity, Premunition

Prenatal infection
Avila Vazquez MC; Villegas Gonzalez J; Portilla Aguilar J
1979 Bol Med Hosp Inf Mexico 36 (5) Sept-Oct 885-892 Wm
Toxoplasma gondii, newborn infants with congenital infections involving the nervous system, acute myelitis, clinical pathology

Prenatal infection
Awan KJ
1978 Ann Ophth Chicago 10 (4) Apr 459-465 Wm
Toxoplasma gondii, congenital infection in 3 siblings with resulting retinochoroiditis, case report; support for theory that transmission of infection from mother to fetus may result from chronically infested uterine wall

Prenatal infection
Baetz AL et al
1981 Am J Vet Research 42 (1) Jan 22-24 Wa
pregnant cows exposed to Sarcocystis cruzi or Campylobacter fetus, prepartum changes of plasma concentrations of prostaglandin F and 13,14-dihydro-15-ketoprostaglandin metabolites are not diagnostically significant in predicting fetal distress or fetal death

Prenatal infection
Balcar-Boron A et al
1979 Polski Tygod Lekar 34 (46) Nov 12 1797-1798 Wm
Toxoplasma gondii, newborn with congenital infection and mandibulofacial dysostosis, possible relationships

Prenatal infection
Beattie CP
1980 Lancet London (8173) 1 Apr 19 873 Wa
Toxoplasma gondii, women, problems and cost estimates involved in serologic screening during pregnancy

Prenatal infection
Bittencourt AL et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 38-42 Wa
T[rypanosoma] cruzi, 10 cases of pneumonitis in congenital Chagas' disease, relationship between parasitic infection of lungs and that of amniotic epithelium, amniotic fluid as probable means of transmission of Chagas' disease among professionals working in area of obstetrics

Prenatal infection
Bosse M; Manhardt J; Stoye M
1980 Zentralbl Vet-Med Beihefte (30) 247-256 Wa
nematodes, dogs, galactogenetic and prenatal infection, effect of mebendazole and fenbendazole on larvae in mother dog (exper.)

Prenatal infection
Cabeza Meckert P; Chambo GJ; Laguens RP
1980 Medicina Buenos Aires 40 Suppl (1) 40-44 Wm
Trypanosoma cruzi, pregnant mice with chronic infections, congenital infection of offspring occurs infrequently (results similar to human infections)

Prenatal infection
Cacciapuoti B et al
1981 Boll Ist Sieroterap Milanese 60 (2) May 31, 121-128 Wa
Toxoplasma, prevalence of infection in mothers in labor and their newborn babies vs. prevalence of antitoxoplasma antibodies (indirect immunofluorescence and modified complement fixation tests) in the same pairs, hypothesis of long-lasting passive congenital immunity to Toxoplasma infection: Bergamo, Italy

Prenatal infection
Cheburkin AV; Asatova MM
1981 Pediatriia Moskva (2) Feb 17-19 Wm
toxoplasmosis, surveys show low incidence of human prenatal infections, suggests that diagnostic workups for congenital toxoplasmosis be carried out only after other causes of childhood pathology have been excluded

Prenatal infection
Cleary T
1981 Hosp Pract 16 (9) Sept 65 68 Wm
Plasmodium vivax, month-old infant, congenital infection, diagnostic difficulties as child's mother had not been diagnosed as carrier: Texas, from Cambodia

Prenatal infection
Collins AT; Cromwell LD
1980 J Comput Assist Tomogr 4 (3) June 326-329 Wm
congenital cerebral toxoplasmosis, infants, diagnosis using computed tomography: Washington

Prenatal infection
Couvreur J; Nottin N; Desmonts G
1980 Ann Pediat Paris 27 (10) Dec 647-652 Wm
toxoplasmosis, treatment of human congenital infections, spiramycin vs. combined pyrimethamine-sulfadiazine, folinic acid given to prevent toxic reactions from drugs

Prenatal infection
de Cunio RW et al
1980 Medicina Buenos Aires 40 Suppl (1) 50-55 Wm
Trypanosoma cruzi, mice of C3H/S strain inoculated to produce chronic infections, transplacental transmission studies, pathology

Prenatal infection
Deragna S et al
1980 Minerva Ginec 32 (1-2) Jan-Feb 43-47 Wm
Toxoplasma gondii, pregnant woman with latent infection, probable cause of previous abortions and fetal death, case report, diagnostic considerations: Italy

Prenatal infection
Desmonts G
1979 Rev Med Chile 107 (1) Jan 42-50 Wm
Toxoplasma, study of 1,200 infected pregnant women considered at risk of giving birth to a congenitally infected child, treatment with spiramycin, percentage of congenital transmissions, severity of infection depends mainly on date in pregnancy when maternal infection was acquired

Prenatal infection
Dissanayake S; de Silva LVK; Ismail MM
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 542-544 Wa
Wuchereria bancrofti, human, antifilarial antibody in maternal and umbilical cord blood determined by indirect immunofluorescence, enzyme-linked immunosorbent assay, and radioimmunoassay, antibodies were predominantly of IgG type presumably passively transferred from mother, specific IgM antibody detected in some cord blood samples probably in response to transplacental transfer of filarial antigens: Sri Lanka

Prenatal infection
Dubey JP
1979 Am J Vet Research 40 (5) May 698-699 Wa
Toxocara canis, dogs (exper.), fenbendazole, no larvae recovered from skeletal muscle, might be effective in preventing prenatal infection

Prenatal infection
Dubey JP
1981 J Am Vet Med Ass 178 (7) Apr 1 661-670 Wa
Toxoplasma gondii in dairy goats, association with abortion, epidemiologic investigation, isolation from does, placentas, fetuses, kids, cats, and chickens: Montana

Prenatal infection
Dubey JP
1981 J Am Vet Med Ass 178 (7) Apr 1 671-674 Wa
Toxoplasma gondii, dairy goats, abortion, transplacental toxoplasmosis in kids, relationship to dose and duration of infection in dams, distribution of organisms in tissues of fetuses or kids in relation to duration of infection of dams

Prenatal infection
Dubey JP; Schmitz JA
1981 J Am Vet Med Ass 178 (7) Apr 1 675-678 Wa
Toxoplasma gondii, associated with abortion in sheep: Oregon

Prenatal infection
Dubey JP; Sundberg JP; Matiuck SW
1981 Am J Vet Research 42 (9) Sept 1624-1626 Wa
Toxoplasma gondii diagnosed in aborted caprine fetus and in placenta, doe had high antibody titer 2 days after abortion, serologic survey on farm showed antibodies in people and in other animals (including other goats and a sheep that had aborted): Connecticut

Prenatal infection
Dubey JP; Thorne ET; Sharma SP
1980 Am J Vet Research 41 (5) May 792-793 Wa
Toxoplasma gondii in Cervus canadensis (exper.), infectivity, pathogenicity, transplacental infection

Prenatal infection
Excler JL; Renaud H; Monnet P
1980 Nouv Presse Med 9 (7) Feb 9 455-456 Wm
Plasmodium vivax, newborn infant, congenital infection, mother was immigrant from Cambodia: Lyon, France

Prenatal infection
Ferrucci M
1978 Ann Sclavo 20 (4) July-Aug 510-525 Wm
Toxoplasma gondii and measles, humans, plan for control of congenital infections: Provincia di Ferrara, Italia

Prenatal infection
Filice GA; Yeager AS; Remington JS
1980 J Clin Microbiol 12 (3) Sept 336-342 Wa
Toxoplasma gondii, patients with acquired toxoplasmosis, infants with congenital toxoplasmosis, diagnostic significance of IgM antibodies detected after separation of IgM from IgG antibodies, IgM-IFA test

Prenatal infection
Foca A; De Rosa M
1979 Quad Sclavo Diag Clin e Lab 15 (2) June 189-195 Wm
determination of umbilical cord blood Ig and its correlation with prenatal infections, human, includes Toxoplasma gondii

Prenatal infection
Foix J; Taranchon P
1980 Rec Med Vet 156 (10) Oct 715-717 Wa
Fasciola hepatica, calves, prenatal infection

Prenatal infection
Francois J
1981 J Franc Ophtal 4 (2) 157-165 Wm
toxoplasmosis, human congenital infections, delayed pathologic developments in eye, differential diagnosis

Prenatal infection
Fuchs V et al
1981 Ceskoslov Gynek 46 (1) Feb 7-11 Wm
pregnant women who had undergone amniocentesis for possible genetic problems of fetuses, serological diagnostic tests showed higher than average positive reactions for toxoplasmosis

Prenatal infection
Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 52-60 Wa
Plasmodium falciparum, evaluation of several methods for recognition of pigment and parasites in human placenta

Prenatal infection
Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 61-72 Wa
Plasmodium falciparum-infected human placentae, histological, ultrastructural, and immunopathological studies

Prenatal infection
Gallo D et al
1981 J Clin Microbiol 13 (4) Apr 631-636 Wm
multiple-antigen slide test for detection of IgM antibodies in newborn and infant sera by immunofluorescence, antigens are agents implicated in congenital and neonatal disease including Toxoplasma gondii

Prenatal infection
Gillet J et al
1978 Ann Soc Belge Med Trop 58 (2) June 89-93 Wa
Plasmodium berghei, resistance of fetal mice to congenital infections is not due to decreased levels of adenosine triphosphate in their erythrocytes

Prenatal infection
Gouyon JB; Boucher F; Alison M
1981 Ann Pediat Paris 28 (6) June 427-428 Wm
toxoplasmosis, infant, prenatal infection with resulting hydranencephaly, case review

Prenatal infection
Hasslinger MA; Schwaerzler C
1980 Berl u Munchen Tierarztl Wchnschr 93 (7) Apr 1 132-135 Wa
Trichosomoides crassicauda, development and migration in rat, inability to penetrate diaplacental barrier, diagnosis by flotation of feces-urine mixture better than immunofluorescence technique, eggs resistant to disinfectants

Prenatal infection
Hay J et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 455-457 Wm
Toxoplasma gondii, cataracts in congenitally infected mice

Prenatal infection
Hengst P
1979 Ang Parasitol 20 (4) Nov 216-221 Wa
Toxoplasma gondii, prospective survey of 1,697 pregnant women, clinical symptoms, age frequency, intellectual capability and central nervous system changes in children serologically positive for Toxoplasma infection

Prenatal infection
Herd N; Jordan T
1981 Central African J Med 27 (4) Apr 62-63 66-68 Wm
malaria as complication of human pregnancy, adverse effects on fetus and neonate, survey: Zimbabwe

Prenatal infection
Hindi RD; Azimi PH
1980 Pediatrics Am Acad Pediat 66 (6) Dec 977-979 Wa
Plasmodium falciparum, 3-month-old child, congenital infection, mother diagnosed as having malaria at 6 months of gestation, transplacentally transmitted antibodies may delay onset of infection: California (mother had lived in Nigeria)

Prenatal infection
Hittner HM; Speer ME; Rudolph AJ
1981 J Pediat Ophth and Strabis 18 (2) Mar-Apr 55-60 Wm
marked asymmetry and/or persistence and hypertrophy of the anterior vascular capsule of the lens in a newborn infant is cause for diagnostic workup to rule out congenital TORCH infection (toxoplasmosis, Rubella, cytomegalovirus, herpes simplex infections)

Prenatal infection
Jamra LMF; Dos Santos OC; Guimaraes EC
1979 Rev Brasil Pesqui Med e Biol 12 (4-5) Sept. 279-285 Wm
Toxoplasma gondii, prevalence survey of recently pregnant women and their newborn infants, women with positive serology had newborns with positive serology: Sao Paulo

Prenatal infection
Kanra G et al
1979 Turk J Pediat 21 (1) 4-6 Jan Wm
Toxoplasma gondii cited as one cause of Torch syndrome in neonates and in infants: Turkey

Prenatal infection
Kasperczyk Z; Kasperczyk-Glinkowska S
1980 Ginekol Polska 51 (6) June 557-562 Wm
Toxoplasma gondii, prenatal fatal infection, infant, parasites isolated from brain tissue, mother treated prophylactically with daraprim and rovamycin, healthy child delivered at next pregnancy

Prenatal infection
Kistner TP; Wyse D
1979 J Wildlife Dis 15 (4) Oct 561-562 Wa
Protostrongylus sp., probably P. stilesi, transplacental transmission in Ovis canadensis californiana: Oregon

Prenatal infection
Laosombat V; Dharmasakti S
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 99-103 Wa
Plasmodium vivax, P. falciparum, babies, case reports, neonatal malarial infections: Thailand

Prenatal infection
Libala K; Wery M; Ruppol JF
1978 Ann Soc Belge Med Trop 58 (1) Mar 65-66 Wa
Trypanosoma gambiense, human, case report, evidence of congenital transmission: Zaire

Prenatal infection
Lyngset A
1980 Lab Animal Sc 30 (3) June 558-561 Wa
Encephalitozoon cuniculi antibodies in breeding rabbits, India ink immunoreaction test, antibodies passively transmitted to young, age changes in antibody titers, possible prenatal or postnatal infection

Prenatal infection
Mello DA; Borges MM
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 754-755 Wa
Trypanosoma cruzi, neonatal transmission in Calomys callosus (exper.), not possible to determine whether transmission was transplacental or by mothers' milk

Prenatal infection
Migliorini A; Ragazzini G
1981 Minerva Ginec 33 (4) Apr 321-324 Wm
toxoplasmosis, pregnant women, clinico-statistical study, correlations between infections and spontaneous abortions, general clinical and diagnostic review: Italy

Prenatal infection
Miller GC
1981 Parasitology 82 (2) Apr 335-342 Wa
prenatal and transmammary transmission of helminth parasites, review with emphasis on life cycle, longevity, and maternal transmission of Pharyngostomoides procyonis and P. adenocephala

Prenatal infection
Modzelewska I; Modzelewska-Kolasa A
1980 Wiadom Lekar 33 (2) Jan 15 97-99 Wm
umbilical cord serum of 154 randomly selected newborn infants examined using the Rapi-Tex IgM test in order to detect possible intrauterine infections such as Toxoplasma

Prenatal infection
Moya PR; Villagra L; Risco J
1979 Rev Fac Cien Med Univ Nac Cordoba 37 (1-4) Jan-Dec 21-27 Wm
Trypanosoma cruzi, human congenital infections, diagnostic anatomopathological findings in the placenta and umbilical cord

Prenatal infection
Nakagawa T et al
1980 No To Shinkei (Brain and Nerve) 32 (7) July 675-681 Wm
newborn infant with holoprosencephaly, parietal cephalocele, and high positive toxoplasm antibody titer, results of autopsy suggest that teratogenic abnormalities may be result of congenital toxoplasmosis

Prenatal infection
Nuttall PA
1980 Lancet London (8175) 1 May 3 873-874 Wa
Toxoplasma, pregnant women, modified haemagglution test used for routine diagnostic screening, reliable results at low cost

Prenatal infection
Otchudiongo et al
1978 Afrique Med (162) 17 Aug-Sept 497-502 Wm
Plasmodium spp., humans, problems during pregnancy, observations on 145 cases: Maternite Hopital Sendwe, Lubumbashi, Zaire

Prenatal infection
Owen DG; Gannon J
1980 Lab Animals 14 (1) Jan 35-38 Wa
Encephalitozoon cuniculi, rabbits, transplacental transmission apparently not common method of transmission

Prenatal infection
Pakan J et al
1980 Bratisl Lekar Listy 73 (5) May 580-585 Wm
toxoplasmosis, diagnostic importance of seroimmunological testing of pregnant women in order to reduce prenatal infections and abortions: Bratislava

Prenatal infection
Prost A; Gorim de Ponsay E
1979 Tropenmed u Parasitol 30 (4) Dec 477-481 Wa
Onchocerca volvulus, children less than 1 year old who are carriers of microfilariae in meso- or hyperendemic areas may have been infected in utero: West Africa

Prenatal infection
Robinson RO; Baumann RJ
1980 Arch Dis Childhood 55 (3) Mar 231-232 Wa
Toxoplasma, reactivation of congenital cerebral infection in 9-year-old girl, resulting encephalitis and chorioretinitis, condition resolved after pyrimethamine and sulphadiazine therapy: Kentucky

Prenatal infection
Singh P; Chugh TD; Garg P
1980 Indian Pediat 17 (4) Apr 350-353 Wm
Toxoplasma gondii, children with congenital anomalies, possible etiologic factor: India

Prenatal infection
Stray-Pedersen B; Pedersen JO; Omland T
1979 Scand J Infect Dis 11 (3) 247-252 Wm
Toxoplasma, human, estimations of incidence among pregnant women and of congenital infection: Norway

Prenatal infection
Sucharit S; Rongsriyam Y
1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 416 Wa
Brugia pahangi, transplacental transmission of microfilaria in white rat discovered at necropsy of fetal-rats in utero

Prenatal infection
Tantivanich S et al
1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 387-394 Wa
intra-uterine infections in infants, serological studies on possible causes, includes use of indirect haemagglutination test to detect Toxoplasma gondii: Thailand

Prenatal infection
Tello P
1980 Bol Chileno Parasitol 35 (1-2) Jan-June 21-24 Wm
Toxoplasma gondii, diagnosis in pregnant women and their newborn infants using various immunological tests, treatment recommendations

Prenatal infection
Thalhammer O; Heller-Szollosy E
1979 Wien Klin Wchnschr 91 (1) Jan 5 20-25 Wm
toxoplasmosis, routine screening of pregnant women to prevent congenital infections, results of prospective study

Prenatal infection
Thiermann E; Atias A
1978 Rev Med Chile 106 (9) Sept 677-681 Wm
Toxoplasma gondii, humans, incidence survey, 13 geographic zones, theoretical risk of congenital infections due to primary maternal infection acquired during pregnancy estimated on the basis of serological findings in women of child bearing age: Chile

Prenatal infection
Thomas V; Chang Wing Chit
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 73-76 Wa
Plasmodium falciparum, infant boy, congenital infection, case report, immunofluorescence showed specific IgG and IgM antibodies in maternal cord and 2 early neonatal sera, value of specific IgM antibody in diagnosing congenital infection: Malaysia

Prenatal infection
Tounkara A et al
1978 Afrique Med (160) 17 May 339-342 Wm
Toxoplasma gondii, humans, incidence, evaluation of possible fetal risks, control measures: Mali

Prenatal infection
van der Veen J; Polak MF
1980 J Hyg Cambridge 85 (2) Oct 165-174 Wa
Toxoplasma, human, survey, prevalence of antibodies according to age, estimates of frequency of primary maternal infection and associated risk of fetal infection: The Netherlands

Prenatal infection
Wilson CB et al
1980 N England J Med 302 (14) Apr 3 785-788 Wa
Toxoplasma, human congenital infections, diagnosis, lymphocyte transformation, comparison with other methods

Prenatal infection
Wilson CB et al
1980 Pediatrics Am Acad Pediat 66 (5) Nov 767-774 Wa
Toxoplasma gondii, children born with subclinical congenital infection, development of adverse sequelae, follow-up evaluation of 24 cases

Prenatal infection
Wilson CB; Remington JS
1980 Am J Obst and Gynec 138 (4) Oct 15 357-363 Wa
Toxoplasma gondii, human congenital infections (morbidity, incidence, cost, control measures), general review

Prenatal infection
Wong MM et al
1979 Asian J Infect Diseases 3 (2) June 61-67 Wm
Toxoplasma gondii, Macaca arctoides (exper.), data obtained suggest that although certain developmental stages of the Toxoplasma organism and of the fetus may favor occurrence of congenital infection very little neonatal disease results in this primate model

Preservation See Freezing; Technique, Specimen preparation and preservation

Professional diseases See Occupational diseases

Prostaglandins
Baetz AL et al
1981 Am J Vet Research 42 (1) Jan 22-24 Wa
pregnant cows exposed to Sarcocystis cruzi or Campylobacter fetus, prepartum changes of plasma concentrations of prostaglandin F and 13,14-dihydro-15-ketoprostaglandin metabolites are not diagnostically significant in predicting fetal distress or fetal death

Prostaglandins
Cicchini T et al
1980 Ann Sclavo 22 (5) Sept-Oct 748-754 Wm
Entamoeba histolytica, rats (exper.), infection and histopathological alterations of the intestinal tract typical of amoebiasis were completely prevented in animals treated with prostaglandins

Prostaglandins
Cicchini T et al
1980 Ann Sclavo 22 (5) Sept-Oct 755-762 Wm
Schistosoma mansoni, prostaglandin therapy, absence of direct action on parasites in vitro, treated infected rats showed no response to treatment

Prostaglandins
Cicchini T et al
1980 Ann Sclavo 22 (5) Sept-Oct 763-775 Wm
Entamoeba histolytica, rats (exper.), evaluation of prostaglandin therapy, large single dose vs. small daily doses (better results with less side effects)

Prostaglandins
Das UN et al
1979 Prostaglandins and Med 2 (4) Apr 317-318
Wm
Entamoeba histolytica, implications of prostaglandins in pathogenesis of amoebiasis, beneficial effects of amoebicides may be related to their ability to antagonize various actions of prostaglandins liberated by parasite

Prostaglandins
Dickinson RG et al
1980 J Austral Entom Soc 18 (3) 1979 199-210
Issued Mar 14 Wa
Boophilus microplus, a prostaglandin and a second smooth muscle contracting component from saliva, salivary glands or hemolymph of engorged or partly engorged females; prostaglandin not dependent on host immune status nor of host origin, more likely produced by tick, possibly functions in establishing feeding lesion or has physiological role in tick; identity and role of second component not known

Prostaglandins
Kassai T et al
1980 Internat J Parasitol 10 (2) Apr 115-120 Wa
Nippostrongylus brasiliensis, rats, no evidence that prostaglandins are directly involved in immune rejection

Proteins [See also Amino acids; Biochemistry; Glycoproteins; Metabolism]

Proteins
Akpom CA
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 444-446
Wm
Schistosoma mansoni, response induced in normal healthy mice by eggs that were recovered from severely protein-deficient mice, concluded that suppression of host cellular immunity may not be only factor that explains suppression of granulomatous response to eggs in severe protein malnutrition

Proteins
Brown KH et al
1980 Am J Clin Nutrition 33 (9) Sept 1975-1982
Wa
Ascaris lumbricoides, children with varying worm burdens, changes in macronutrient absorption from a rice-vegetable diet before and after treatment for parasites, treatment of ascariasis may be nutritionally advantageous for children with heavy worm burdens and marginal protein availability

Proteins
Crompton DWT; Walters DE; Arnold S
1981 Parasitology 82 (1) Feb 23-38 Wa
Nippostrongylus brasiliensis-infected protein-malnourished rats, daily food intake and related changes in body weight

Proteins
Duncombe VM et al
1981 Am J Clin Nutrition 34 (3) Mar 400-403 Wa
Nippostrongylus brasiliensis-infected rats fed a low protein diet, delayed worm expulsion, syngeneic bone marrow cell transfer from immune or nonimmune donors resulted in accelerated worm expulsion

Proteins
Edirisinghe JS; Fern EB; Targett GAT
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 591-593
Wa
Plasmodium berghei, rats, development of parasitaemia, effect of varying protein content of diet and protein to energy ratio of diet, results indicate protein restriction can serve to protect host against serious infection

Proteins
Ette SI; Dickerson JWT
1979 Niger Med J 9 (3) Mar 361-365 Wm
Plasmodium berghei, effect of infection on serum proteins and trace element concentrations in rats offered peasant farmer's (low protein) diet

Proteins
Flavell DJ et al
1980 Acta Trop 37 (4) Dec 337-350 Wa
Opisthorchis viverrini-infected golden hamsters maintained on high and low protein diets, liver histopathology

Proteins
Forsum E; Nesheim MC; Crompton DWT
1981 Parasitology 83 (3) Dec 497-512 Wa
Ascaris suum, young pigs receiving diets low in protein, effects of infection on growth, food intake, nitrogen and fat utilization, intestinal disaccharidase activity, lactose tolerance, and weight of intestinal tract

Proteins
Kaya HK; Moon RD
1980 Ann Entom Soc Am 73 (5) Sept 547-552 Wa
Heterotylenchus autumnalis development, influence of protein in diet of host, Musca autumnalis

Proteins
Martin J
1980 Parasitology 80 (1) Feb 39-47 Wa
Nippostrongylus brasiliensis-infected rats maintained on low protein diet, scanning electron microscopy of small intestinal pathology

Proteins
Martin J
1981 Parasitology 83 (1) Aug 43-50 Wa
Nippostrongylus brasiliensis, acetylcholinesterase activity in male and female worms during course of primary infection in normal and in protein-deficient rats, possible reasons for changes in enzyme production, may be related to immune response

Proteins
Rose AH; Turner KJ
1980 Internat Arch Allergy and Applied Immunol
61 (3) 271-277 Wm
Balb/c mice, effect of low protein diet on IgE antibody responses to ovalbumin and Ascaris suum body fluid proteins

Proteins
Soehadi et al
1980 Paediat Indonesiana 20 (1-2) Jan-Feb 7-13
Wm
Giardia lamblia, children with protein calorie malnutrition, results of lipiodol absorption test show that the lower the nutritional status the higher the risk of Giardia infection: Yogyakarta

Proteins
Stephenson LS et al
1980 Exper Parasitol 49 (1) Feb 15-25 Wa
Ascaris suum-infected young pigs, nutrient (protein and fat) absorption, growth, and intestinal pathology

Proteins
Vinayak VK et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 397-400 Wm
Entamoeba histolytica, rats fed low protein diet were more susceptible to infection and had severe caecal lesions compared with controls, hepatic lesions seen in one animal fed low protein diet for 14 days, malnourished rats had lower indirect haemagglutinating antibody titres than controls

Proteins, Host
Ackerman SJ et al
1981 J Immunol 127 (3) Sept 1093-1098 Wm
Wuchereria bancrofti, human, eosinophilia and elevated serum levels of eosinophil major basic protein and Charcot-Leyden crystal protein after treatment with diethylcarbamazine

Proteins, Host
Allen PC; Kuttler KL; Amerault TE
1981 Am J Vet Research 42 (2) Feb 326-328 Wa
Anaplasma marginale, cows, comparative serum protein changes elicited by attenuated and virulent isolates, fluctuations in immunoglobulins, card test titers and total WBC compared and correlated with parasitemia

Proteins, Host
Al-Mudhaffar SA; Al-Saffar NR
1978 Indian J Med Research 68 Oct 592-594 Wa
kala-azar, Iraqi patients, changes in serum proteins: Baghdad

Proteins, Host
Anderson PH et al
1981 Research Vet Sc 31 (1) July 1-4 Wa
evaluation of plasma enzyme activities, some other blood components and bromsulphthalein clearance rates as indicators of liver disease in cattle following carbon tetrachloride poisoning and experimental fascioliasis

Proteins, Host
Andrieux N; Herberts C; De Frescheville J
1981 Ann Parasitol 56 (4) 441-448 Wa
Sacculina carcini, effect of parasite extracts and of hemolymph of infected Carcinus on proteinogram and molting of uninfected Carcinus, changes similar to those found in infected Carcinus

Proteins, Host
Baqui A; Ansari JA
1977 Indian J Helminth 27 (2) Sept 1975 106-115 Issued June 30 Wa
Setaria cervi-infected white rats, serum protein changes, electrophoretic analysis

Proteins, Host
Barsanti JA; Hubbell J
1980 Am J Vet Research 41 (5) May 775-778 Wa
Aelurostrongylus abstrusus, serum protein levels in normal and infected cats determined by cellulose acetate electrophoresis, not useful diagnostic test

Proteins, Host
Bhopale MK; Menon S; Kulkarni L
1980 J Helminth 54 (2) June 97-104 Wa
Necator americanus in infant rabbits, complete development, humoral antibody, leukocyte response, serum protein changes, suitable laboratory model

Proteins, Host
Boid R et al
1980 Vet Parasitol 6 (4) Mar 333-345 Wa
Trypanosoma evansi, camels (nat. and exper.), serum immunoglobulin levels and electrophoretic patterns of serum proteins

Proteins, Host
Borojevic R; Grimaud JA
1980 Cellular and Molec Biol 26 (2) 247-250 Wa
Schistosoma mansoni, human collagen fibers in enlarged basement membranes in liver and spleen

Proteins, Host
Boros DL; Lande MA; Carrick L jr
1981 Clin Immunol and Immunopath 18 (2) Feb 276-286 Wm
Schistosoma mansoni, mice, collagen synthesis during cell-mediated granulomatous response as determined in explanted pulmonary granulomas

Proteins, Host
Caple IW et al
1978 J Wildlife Dis 14 (1) Jan 110-115 Wa
Fasciola jacksoni in Elephas maximus (bile ducts), severe submandibular and ventral abdominal oedema, anemia, haematologic values before and after nitroxynil treatment, severe local reactions at injection site: Pahang, Central Malaysia

Proteins, Host
Chhabra MB; Mahajan RC; Ganguly NK
1980 Indian Vet J 57 (8) Aug 627-631 Wa
Toxoplasma gondii, RH strain vs. local human isolates, mice (exper.), antibody response and serum protein alterations determined by indirect haemagglutination test and electrophoresis respectively, rise in gamma-globulins in later stages appeared to indicate developing immune response

Proteins, Host
Colli W; Andrews NW; Zingales B
1981 2 Internat Cong Cell Biol (Berlin (West) Aug 31-Sept 5 1980) 401-410 Wm; Wa
Trypanosoma cruzi, overall chemical composition of epimastigote plasma membrane, surface glycoproteins, binding of host proteins to surface, attempts to discriminate between adhesion and penetration to in vitro cultured mammalian cells, review

Proteins, Host
Deas JE; Adler KA; Wilson LA
1981 Am J Trop Med and Hyg 30 (3) May 544-554 Wa
Plasmodium berghei, effect on membranes of murine erythrocytes, biochemical and immunological analyses, quantitative but not qualitative changes in membrane proteins and glycoproteins, no antigenic changes detected

Proteins, Host
Dunn MA
1981 Biochem Parasites (Slutzky) 191-199 Wa
Schistosoma mansoni, S. japonicum, host liver fibrosis, review: substrate regulation by proline of collagen synthesis, process of collagenolysis and potential reversibility of liver fibrosis, mediators of fibrogenesis in liver

Proteins, Host
Ette SI; Dickerson JWT
1979 Niger Med J 9 (3) Mar 361-365 Wm
Plasmodium berghei, effect of infection on serum proteins and trace element concentrations in rats offered peasant farmer's (low protein) diet

Proteins, Host
Findley AM; Blakeney EW jr; Weidner EH
1981 Biol Bull 161 (1) Aug 115-125 Wa
Ameson michaelis-infected Callinectes sapidus, parasite-induced alterations in biochemical composition of host tissues: Louisiana

Proteins, Host
Fletcher TC; White A; Baldo BA
1980 Parasite Immunol 2 (4) Winter 237-248 Wa
Bothriocephalus scorpii, antigenic determinants reactive with C-reactive protein (CRP) and with antiserum to phosphorylcholine, this C substance causes skin reaction when injected into Scophthalmus maximus, no evidence for CRP being toxic to worms, possibility that worms exploit host CRP for their own survival

Proteins, Host
Foreyt WJ; Todd AC
1979 J Wildlife Dis 15 (1) Jan 83-89 Wa
Fascioloides magna in Odocoileus virginianus (exper.), hematologic and biochemical values, weight gains

Proteins, Host
Franco ELF; de Souza AVR
1979 Rev Inst Med Trop S Paulo 21 (4) July-Aug 161-165 Wm
Schistosoma mansoni, mice, blood leukocyte pattern, serum proteins, blood urea and glucose

Proteins, Host
Girotra KL; Isseroff H
1980 Exper Parasitol 49 (1) Feb 41-46 Wa
Fasciola hepatica-infected rats, azetidine inhibition of bile duct hyperplasia, results support hypothesis that hyperplasia is mediated through release of free proline from worms and suggest importance of collagen biosynthesis in hyperplasia

Proteins, Host
Goodger BV; Bremner KC
1979 Ztschr Parasitenk 60 (3) 239-247 Wa
Oesophagostomum radiatum-infected cattle (exper.), presence of cryofibrinogen complex in plasma, suggested mechanism of formation and role in pathophysiology of infection

Proteins, Host
Goodger BV; Wright IG
1979 Ztschr Parasitenk 60 (3) 211-220 Wa
Babesia bovis (argentina)-infected cattle (exper.), isolation of fibrogen and fibrogen-like proteins from plasma and serum, sizes and chain structure of these proteins consistent with hypothesis that fibrin cross-linking and subsequent fibrinolysis is not important in pathogenesis of infection

Proteins, Host
Goodger BV; Wright IG; Mahoney DF
1980 Austral J Exper Biol and Med Sc 58 (2) Apr 179-188 Wa
Babesia bovis (argentina), acutely infected cattle, analysis of paracoagulation proteins in plasma and serum, not correct to diagnose disseminated intravascular coagulation per se on basis of positive reaction with protamine sulphate or ethanol

Proteins, Host
Goodger BV; Wright IG; Mahoney DF
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 531-538 Wa
Babesia bovis, acutely infected cattle, pathophysiology, changes in conglutinin, immunoconglutinin, complement C3, and fibronectin concentrations

Proteins, Host
Grimaud JA; Borojevic R
1980 Cellular and Molec Biol 26 (5) 555-562 Wm
Schistosoma mansoni, human, diffuse hepatic fibrosis as model for intercellular formation of collagen in liver

Proteins, Host
Haiba MH; Iskander AR
1979 Vet Med J Giza 26 (26) 1978 171-176 Issued Aug 8 Wa
Ascaridia columbae and Cotugnia polyacantha-infected and uninfected Columba livia schimperi, serum protein patterns (total proteins, albumin, and alpha, beta and gamma globulins)

Proteins, Host
Howard RJ et al
1980 J Protozool 27 (2) May 241-247 Issued July 17 Wa
Babesia bovis, comparison of surface proteins and glycoproteins on erythrocytes of calves before and during infection

Proteins, Host
Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 251-271 Wa
Babesia rodhaini-infected intact or hypothymic BALB/c mice, characterization of surface protein and glycoproteins on red blood cells; considerations in radioisotope labelling

Proteins, Host
Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 273-298 Wa
Plasmodium berghei-infected intact or hypothymic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling

Proteins, Host
Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 299-314 Wa
Plasmodium yoelii-infected intact or hypothymic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling

Proteins, Host
Iskander AR
1979 Vet Med J Giza 26 (26) 1978 297-304 Issued Aug 8 Wa
Trichinella spiralis-infected and uninfected rats, serum protein patterns (total proteins, albumin, and alpha, beta and gamma globulins)

Proteins, Host
Kamenov I
1979 Vet Med Nauki 16 (9) 3-10 Wa
Bunostomum trigonocephalum, sheep and lambs (both exper.), changes in levels of serum proteins and their fractions

Proteins, Host
Khan RA; Barrett M; Campbell J
1980 J Wildlife Dis 16 (3) July 359-361 Wa
Trypanosoma murmanensis in Myoxocephalus octodecemspinosus (exper.), hematological parameters, persistent anemia despite low parasitemias

Proteins, Host
Khorsandi HO; Tabibi V
1978 Bull Soc Path Exot 71 (1) Jan-Feb 95-100 Wa
Echinococcus granulosus, comparative analysis (electrophoresis, immunoelectrophoresis, biochemical tests) of hydatid cyst fluid and human host sera revealed similarities in protein patterns

Proteins, Host
Kilejian A
1980 J Exper Med 151 (6) June 1 1534-1538 Wa
homology between histidine-rich protein from Plasmodium lophurae and protein associated with knob-like protrusions on membranes of P. falciparum-infected erythrocytes, possible immunological cross-reactivity between these two proteins

Proteins, Host
Kilejian A; Olson J
1979 Bull World Health Organ 57 suppl 1 101-107 Wa
Plasmodium falciparum, proteins and glycoproteins from infected erythrocytes (fractions enriched in membrane fragments with 'knobs' vs. fractions devoid of them)

Proteins, Host
Looker DL; Etges FJ
[1980] J Parasitol 65 (6) Dec 1979 880-885 Issued Apr 2 Wa
Schistosoma mansoni-infected Biomphalaria glabrata, fecundity and egg perivitelline fluid composition (protein and galactogen), results suggest that decreased hemolymph nutrient levels are responsible for inhibition of snail egg production

Proteins, Host
Lushbaugh WB et al
1981 Am J Trop Med and Hyg 30 (3) May 575-585 Wa
Entamoeba histolytica, inhibition of parasite cytotoxin by alpha-1 antiprotease and alpha-2 macroglobulin from non-immune sera, results suggest that amebal toxin has protease activity

Proteins, Host
van Marck EAE et al
1980 Experientia 36 (9) Sept 15 1116-1118 Wa
Schistosoma mansoni, mice, experimental model for studies of pathogenesis of portal fibrosis using implantation of sepharose beads loaded or not with soluble egg antigen, preliminary collagen tissue immunotyping

Proteins, Host
Maurois P et al
1980 Ann Trop Med and Parasitol 74 (1) Feb 17-28 Wa
Plasmodium spp., strains of varying virulence, mice, kinetic study of serum lipoproteins, total cholesterol, and triacylglycerides

Proteins, Host
Mincis M et al
1980 AMB Rev Ass Med Brasil 26 (11) Nov 363-365 Wm
Schistosoma mansoni, human, electrophoretic blood protein profile (beta-gamma area and H fraction), comparison to patients with cirrhosis and connective tissue diseases

Proteins, Host
Mohammed MA et al
1979 Vet Med J Giza 25 (25) 1977 435-445 Issued Jan 14 Wa
Eimeria tenella, chickens (exper.), electrophoretic pattern of serum proteins and changes in some serum constituents and vitamin storage in liver during course of infection and recovery phase

Proteins, Host
Pepys MB et al
1980 Immunology 39 (2) Feb 249-254 Wa
Schistosoma mansoni, mice, effect of T-cell deprivation on formation of hepatic granulomata and serum levels of acute phase proteins (C3 and serum amyloid P-component)

Proteins, Host
Perkins M
1981 J Cell Biol 90 (3) Sept 563-567 Wa
Plasmodium falciparum, inhibitory effects of erythrocyte membrane proteins on in vitro invasion of merozoites into host cell, observations imply role for glycophorin A in attachment of malarial parasite to erythrocyte surface

Proteins, Host
Pfefferkorn ER; Pfefferkorn LC
1981 Exper Parasitol 52 (1) Aug 129-136 Wa
Toxoplasma gondii, growth in absence of host cell protein synthesis

Proteins, Host
Poelvoorde J; Berghen P
1981 Research Vet Sc 31 (1) July 10-13 Wa
Oesophagostomum dentatum, repeated daily mass infection in pigs fed limited ration, severe diarrhoea and anorexia, average body-weights, blood and plasma analyses, histopathology of ileum, colon, and caecum, number of larvae in incubated and digested tissue and total number of larvae in intestinal lumen

Proteins, Host
Rifaat MA; Abdel Aal TM
1975 Ain Shams Med J 26 (1) Jan 39-44 Wm
Schistosoma mansoni-infected mice, serum protein changes at different stages of infection, testing for CHR

Proteins, Host
Rifaat MA; Abdel Aal TM; Sadek MSM
1976 Ain Shams Med J 26 (3) May 335-339 Wm
Toxoplasma gondii-infected mice, changes occurring in serum proteins during acute and chronic stages of infection

Proteins, Host
Rubiliani C; Godette GO
1981 Comp Biochem and Physiol 70B (3) 415-419 Wa
Sacculina carcini-infected Carcinus maenas, incorporation of ^{3}H-leucine into central nervous system; Rhithropanopeus harrisii infected with Loxothylacus panopei (from Beaufort, NC) or injected with L. panopei root homogenates, protein electrophoregram of host ventral ganglionic mass and of parasite root homogenate; results support hypothesis that gametogenic disturbances in crabs parasitized with rhizocephalans are mainly due to neuroendocrine alterations

Proteins, Host
Salata E; Rangel HA
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 231-241 Wm
Trypanosoma cruzi, mice infected with Y vs. Nicaragua strains, mortality rate, persistence of parasitemia, level of various serum protein components

Proteins, Host
Schelp FP et al
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 125-127 Wa
Giardia lamblia, infected vs. non-infected children, serum proteins, attempts to correlate with malnutrition and growth: Bangkok

Proteins, Host
Schmidt SP; Platzer EG
1980 J Invert Path 36 (2) Sept 149-158 Wa
Romanomermis culicivorax, protein patterns and protease activities in parasite homogenates and in hemolymph of infected and uninfected Culex pipiens

Proteins, Host
Schmidt SP; Platzer EG
1980 J Invert Path 36 (2) Sept 240-254 Wa
Romanomermis culicivorax in Culex pipiens (exper.), histopathology, changes in fat body tissue, imaginal disc development, growth, and in hemolymph carbohydrates, amino acids, and proteins

Proteins, Host
Sherman IW
1979 Microbiol Rev 43 (4) Dec 453-495 Wa
Plasmodium, life cycle, biochemical determinants of parasite specificity for host cells, morphology and growth of blood stages, morphological alterations of infected cells, membrane structure and function in malaria, metabolic pathways (carbohydrate transport and metabolism; nucleic acids; protein synthesis; lipid biosynthesis; vitamins and cofactors; cation alterations), review

Proteins, Host
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RNA See Nucleic acids

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Radioisotopes
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Radioisotopes
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Rearing *See* Culture; Technique

Rearing, Arthropoda *See* Technique, Rearing, Arthropoda

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Plasmodium falciparum, merozoite penetration of human erythrocytes, assay in vitro for inhibitors, findings suggest that N-acetyl-glucosamine may be important component of glycoprotein receptor involved

Receptors
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Receptors
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Nippostrongylus brasiliensis, rats, lymphocytes bearing receptors for IgE, transition of FcγR(+) cells to FcεR(+) cells by IgE

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Recovery of parasites See Technique, Parasite collection and recovery

Rectum See Intestine

Regulations See Medicine, Legal

Reproduction [See also Gametogenesis; Growth; Mitosis; Parthenogenesis; Sex and parasitism]

Reproduction, Host
Anderson GL
1975 Veliger 17 (3) Jan 1 299-306 Wm
Fabia subquadrata-infected Mytilus californianus, true parasitism in that crab infestation produces predictable deleterious effects (alterations in host glycogen metabolism, diminished reproductive potential through decreased gonadal development): Sonoma County, California

Reproduction, Host
Anderson RM
1979 20 Symposium Brit Ecol Soc 245-281 Wa
parasites, influence on host survival and reproduction (direct effects, increased susceptibility to predation, reduced competitive fitness), dynamical properties of persistent and transient infection within separate population models, host nutritional status and impact of infection

Reproduction, Host
Andreadis TG; Hall DW
1979 J Invert Path 34 (2) Sept 152-157 Wa
Amblyospora sp., sublethal effects on reproductive potential and physiology of Culex salinarius; transovarial transmission is not sufficient for maintenance in mosquitoes, alternate host is suggested as mechanism whereby microsporidium can reenter healthy mosquito population

Reproduction, Host
Ayala SC; Bradbury J; Bradbury S
1981 Ann Parasitol 56 (1) 21-22 Wa
Hepatocystis [carpenteri] in Hypsignathus monstrosus in relation to host age, sex, and (female) reproductive status: Gabon, West Africa

Reproduction, Host
Baetz AL et al
1980 Am J Vet Research 41 (11) Nov 1767-1768 Wa
pregnant cows exposed to Sarcocystis cruzi, Campylobacter fetus, or Aspergillus fumigatus, changes in plasma progesterone concentrations in bovine plasma cannot be used as diagnostic tool for fetal distress or fetal death

Reproduction, Host
Carlier Y et al
1980 Am J Trop Med and Hyg 29 (1) Jan 74-81 Wa
Schistosoma mansoni-infected African parturients, their uninfected newborn children, infected men, and infected non-pregnant women, evaluation of circulating soluble antigens (CSA) by sandwich radioimmunoassay, of circulating antibodies (CAb) by indirect hemagglutination, and of immune complexes (CIC) by C1q binding test, results indicate probable transplacental transfer of CSA from mother to fetus and possible modulation of CSA level by specific CAb and CIC formation

Reproduction, Host
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Cornelissen AWCA et al
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Ewen AB; Mukerji MK
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Nosema locustae, field trial evaluation as grasshopper control agent, infectivity, host age factors, effect on populations and reproductive potential: Saskatchewan, Canada

Reproduction, Host
Eysker M
1981 Ztschr Parasitenk 65 (3) 343-351 Wa
Haemonchus contortus, effects of pregnancy and lactation on survival and development of single dose of larvae which were conditioned for inhibited development and of such a primary infection on resistance to reinfection

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Freeland WJ
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Heligmosomoides polygyrus, effect of infection on behavioral dominance among male mice, implications for host reproduction

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Plasmodium falciparum, evaluation of several methods for recognition of pigment and parasites in human placenta

Reproduction, Host
Galbraith RM et al
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Plasmodium falciparum-infected human placentae, histological, ultrastructural, and immunopathological studies

Reproduction, Host
Geetha Bai M et al
1979 Indian J Med Research 70 Oct 620-624 Wa
Nosema algerae in Anopheles stephensi (nat. and exper.), relationship between spore density and infection rate, insemination rates, fecundity, and longevity compared with non-infected mosquitoes, susceptibility of different mosquito species to infection, possible biological control agent: Pondicherry

Reproduction, Host
Goudey-Perriere F
1980 Compt Rend Acad Sc Paris 291 s D Sc Nat (8) Oct 27 697-700 Wa
Amphiurophilus amphiurae in Amphipholis squamata, presence of embryoes in host brood pouches has no effect on parasite penetration but parasite development is better in gravid hosts, which then suffer decrease in fecundity: Roscoff, Manche, France

Reproduction, Host
Haq N; Reisen WK; Aslamkhan M
1981 J Invert Path 37 (3) May 236-242 Wa
Nosema algerae in Anopheles stephensi (exper.), effects of different spore dosages on horizontal life table attributes of mosquitoes reared under controlled insectary conditions, implications for biological control of this malaria vector mosquito

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Herd N; Jordan T
1981 Central African J Med 27 (4) Apr 62-63 66-68 Wm
malaria as complication of human pregnancy, adverse effects on fetus and neonate, survey: Zimbabwe

Reproduction, Host
Huffman EM et al
1981 J Am Vet Med Ass 178 (7) Apr 1 679-682 Wa
Toxoplasma gondii, relationship of neonatal mortality in lambs to serologic status of ewe (indirect hemagglutination test)

Reproduction, Host
Keymer AE
1980 Parasitology 81 (2) Oct 405-421 Wa
Hymenolepis diminuta in Tribolium confusum, relationship between number of exposures to infection and number and size of cysticercoids harbored per host, influence of parasite burden on host fecundity and host mortality, significance of these effects in relation to overall population dynamics of host-parasite association

Reproduction, Host
Kitron UD
1980 Parasitology 81 (2) Oct 235-249 Wa
Gammaridacarus orchestoideae on Orchestoidea corniculata, prevalence and intensity, seasonal variation, host sex, host size (age), host moult stage, reproductive condition of female hosts, frequency distribution of number of parasites per host, mean crowding index, patchiness, index of host mortality, field and laboratory observations: California

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1980 Parasitology 80 (2) Apr 211-232 Wa
Portunion conformis in Hemigrapsus oregonensis and H. nudus, parasite mortality in relation to season, geographic area, multiple infection, host size, parasite developmental stage, host sex, and host species; recovery of female host reproductive capability; morphology of host response: Pacific coast of North America

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1979 J Invert Path 34 (2) Sept 138-144 Wa
Schistosomatium douthitti-infected Lymnaea catascopium, growth, survival, and reproduction of host

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[1980] J Parasitol 65 (6) Dec 1979 880-885 Issued Apr 2 Wa
Schistosoma mansoni-infected Biomphalaria glabrata, fecundity and egg perivitelline fluid composition (protein and galactogen), results suggest that decreased hemolymph nutrient levels are responsible for inhibition of snail egg production

Reproduction, Host
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1980 Vet Parasitol 7 (4) Dec 319-331 Wa
effect of strategic anthelmintic treatment on breeding performance of hill ewes: Scotland

Reproduction, Host
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Schistosoma mansoni, effect of varying number of miracidia on reproduction and survival of Biomphalaria pfeifferi (exper.)

Reproduction, Host
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Trichomonas vaginalis, humans, causes few complications during pregnancy, caution recommended in treating infection with metronidazole during this period

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Migliorini A; Ragazzini G
1981 Minerva Ginec 33 (4) Apr 321-324 Wm
toxoplasmosis, pregnant women, clinico-statistical study, correlations between infections and spontaneous abortions, general clinical and diagnostic review: Italy

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1979 ZFA Ztschr Allg-med 55 (14) May 20 890-896 Wm
Trichomonas vaginalis, men, chronic infections, significance in infertility disorders

Reproduction, Host
Milner RJ; Lutton GG
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Pleistophora oncoperae in Oncopera alboguttata, incidence by host age and sex, no adverse effects on duration of larval and pupal development, adult life span, number of eggs laid, or fecundity; transovum transmission, role in biological control

Reproduction, Host
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1981 Ann Trop Med and Parasitol 75 (3) June 323-328 Wa
filariasis, human (males), acute manifestations of genital involvement, possible role in male subfertility, need for early recognition and treatment: Enugu, Nigeria

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Ogunrinade A
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Fasciola gigantica, enhanced pathogenicity in pregnant West African Dwarf ewes (exper.)

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Otchudiongo et al
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Reproduction, Host
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1981 Tr Roy Soc Trop Med and Hyg 75 (3) 436-438 Wa
Trypanosoma dionisii, inhibition of phagocytosis of trypanosomes by normal polymorphonuclear leucocytes in presence of pregnancy-associated alpha-2-glycoprotein, could account for suggested increase in frequency and severity of protozoal infectons during gestation

Reproduction, Host
Reaka ML
1978 Veliger 21 (2) Oct 1 251-254 Wm
Caledoniella montrouzieri on Gonodactylus viridis, parasitism increased molting intervals and lowered molting rate but had no effect on host growth per molt, oviposition was completely inhibited: Phuket, Thailand

Reproduction, Host
Romaniuk K; Olejnik T; Ulanowski M
1981 Med Wet 37 (1) Jan 12-14 Wa
Oesophagostomum dentatum, influence on fertilization of sows and body weight gains of piglets

Reproduction, Host
Ruitenberg EJ; Buys J
1980 Vet Immunol and Immunopath 1 (3) Aug 199-214 Wa
Trichinella spiralis, mice, effects of pregnancy on course of infection and associated histopathological changes in thymus and small intestine (litter size, thymus atrophy and thymus mast cells, worm expulsion, recovery of muscle larvae, intestinal mast cells and globule leucocytes, intestinal eosinophils, antibody production, blood eosinophilia)

Reproduction, Host
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1981 Ztschr Parasitenk 64 (3) 303-319 Wa
Trichobilharzia ocellata, development in Lymnaea stagnalis (exper.), effects of infection on host reproductive system

Reproduction, Host
Sluiters JF; Brussaard-Wuest CM; Meuleman EA
1980 Ztschr Parasitenk 63 (1) 13-26 Wa
Trichobilharzia in Lymnaea stagnalis (exper.), effect of miracidial dose on infection rate, length of prepatent period, production of cercariae, snail growth and ovipository activity, and weights of snail accessory sex organs

Reproduction, Host
Toldy M et al
1979 Bratisl Lekar Listy 72 (4) Oct 448-452 Wm
Trichomonas vaginalis, pregnant women, incidence survey, trichomonal colpitis, high infection rate with threatened abortions and premature deliveries: Martin

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Walther FJ
1980 Trop and Geogr Med 32 (4) Dec 336-339 Wa
at-risk selection and outcome of pregnant women attending an antenatal clinic, malaria with premature labour included as risk factor: Kibara Hospital, Tanzania

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Yazwinski TA; Featherstone H
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nematodes, sheep, spring and post-parturient fecal egg count rises following routine fall anthelmintic treatment, reproduction and season stimuli for enhanced nematode fecundity: Arkansas

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antitoxoplasmic antibody titer is lower in pregnant than in nonpregnant women

Reproduction, Host
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Plasmodium berghei, mice, depressed malarial immunity during pregnancy, malaria-associated prematurity and abortion

Reproduction, Host
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Abe Y
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Leptomonas sp. (parasite of Bombyx mori), multiplication by binary fission, process of encystment

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Ackerman S; Floyd M; Sonenshine DE
1980 J Med Entom 17 (5) Sept 30 391-397 Wa
Dermacentor variabilis-infested Rattus norvegicus (exper.), immunization with extracts derived from whole ticks vs. tick midguts, effect on tick responses (temporal dynamics of attachment/detachment; body weights of engorged females; egg production and egg hatching) indicates resistance may be functioning internally within the tick, not in host tissues at bite site

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Andrews RH; Bull CM
1981 Animal Behaviour London 29 (2) May 518-522 Wa
Aponomma hydrosauri, inhibition of mating behaviour before feeding

Reproduction, Parasite
Ashizawa H et al
1980 Bull Fac Agric Miyazaki Univ 27 (2) Dec 261-266 Wa
Erschoviorchis lintoni in Aix galericulata (pancreatic duct), histopathology, occlusion of some ducts exclusively by eggs suggests high egg laying capacity of parasite: Usuki City, Oita Prefecture, Japan

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Schistosoma mansoni, biochemical basis of continuous copulation: male worm retains little of protein it produces in greatest abundance and this protein is electrophoretically identical to most abundant protein found in, but not synthesized by, the female

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Schistosoma mansoni, in vitro cultivation, production of infertile eggs by worm pairs cultured from cercariae

Reproduction, Parasite
Basch PF; Humbert R
1981 J Parasitol 67 (2) Apr 191-195 Wa
Schistosoma mansoni, in vitro cultivation, implantation of cultured worms into mouse mesenteric veins to assess potential for full development and oviposition

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ticks and insects, male accessory sexual glands, effect on physiology of reproduction of mated females

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Bolton HT; Butler JF; Carlson DA
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Haematobia irritans, mating stimulant pheromone, demonstration of biological activity in separated cuticular components

Reproduction, Parasite
Bone LW; Shorey HH
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Nippostrongylus brasiliensis males vs. females, influence of previous mating and of in vivo (in mice) exposure to actidione (growth inhibitor) on in vitro response to sex pheromones

Reproduction, Parasite
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gastrointestinal nematodes of sheep and cattle, experimental cross-infections, host specificity determined using following parameters: infection rate; number, size, and stage of worms; distribution within gastrointestinal tract; and onset, duration, and level of egg production

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Mytilicola orientalis parasitizing Ostrea lurida and Mytilus edulis, prevalence survey, seasonal distribution, reproduction in hosts: Berkeley Marina, Berkeley, California

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Cochliomyia hominivorax, effect of swormlure-2 and its individual chemical components on sexual behavior of males vs. females 0 to 7 days old, laboratory studies

Reproduction, Parasite
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1981 Acta Trop 38 (1) Mar 55-70 Wa
Ornithodoros moubata, immune response of rabbits to repeated infestations by female ticks, appears to have little adverse effect on tick; demonstration of linear relationship between a) weight of unfed and engorged females and b) weight of engorged females and number of deposited eggs

Reproduction, Parasite
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Dermacentor variabilis adult males, guinea pigs (exper.), mating behavior with respect to attached females

Reproduction, Parasite
Brun R
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Trypanosoma brucei brucei, effect of hydroxyurea on growth, structure, and [^{3}H]thymidine uptake of procyclic culture forms

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Burden CS; Ubelaker JE
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Schistosoma mansoni in mice vs. S. haematobium in hamsters, growth and maturation of bisexual and unisexual infections in relationship to copulation, egg shell protein formation, and oviposition, vitellogenesis evaluated with electron microscopy after diazonium salt staining and autofluorescence

Reproduction, Parasite
Catts EP
1979 J Med Entom 16 (6) Dec 18 461-464 Wa
Gasterophilus intestinalis, hilltop aggregation and mating behavior: Marin County, California; Whitman County, Washington

Reproduction, Parasite
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1969 Folia Parasitol 16 (4) 297-301 Wa
Tritrichomonas foetus, axenic cultures, levels of pyruvic acid after anaerobiosis and aerobic resynthesis of glycogen from exogenous glucose, deficiency of thiamine in medium responsible for reduced reproductive capability, ATP content after anaerobic glycogen resynthesis in thiamine-deficient vs. normal cultures

Reproduction, Parasite
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Schistosoma mansoni, morphology of reproductive organs and oogenesis in bisexual and unisexual transplants of mature females, separation of females from their male partners leads to reversible degeneration of female reproductive tract

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Cochliomyia hominivorax, influence of sex ratio on primiparous fertility of caged populations

Reproduction, Parasite
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1980 J Med Entom 17 (2) Mar 31 117-121 Wa
Boophilus microplus, ovipositional biology in the laboratory, disturbed (for egg removal) vs. undisturbed females

Reproduction, Parasite
Davey RB et al
1980 J Med Entom 17 (3) May 31 287-289 Wa
Boophilus annulatus, disturbed (for daily removal of eggs) vs. undisturbed, ovipositional biology in the laboratory

Reproduction, Parasite
Degrugillier ME; Grosz SG
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Reproduction, Parasite
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Reproduction, Parasite
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1981 J Chem Ecol 7 (3) May 529-541 Wa
Lucilia cuprina, evidence for attractant in cuticular lipids of female flies, may play role in group oviposition behavior exhibited by this species

Reproduction, Parasite
Fayer R
[1980] J Parasitol 65 (6) Dec 1979 980-982 Issued Apr 2 Wa
Sarcocystis bovicanis, multiplication in bovine bloodstream by method resembling endodyogeny

Reproduction, Parasite
Ferguson DJP; Hutchison WM
1981 Ann Trop Med and Parasitol 75 (5) Oct 539-546 Wm
Toxoplasma gondii, avirulent vs. virulent strains in peritoneal exudate of mice, comparison of methods of asexual multiplication (endodyogeny, repeated endodyogeny, binary and multiple fission)

Reproduction, Parasite
Fried B; Alenick DS
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Echinostoma revolutum, localization, length, and reproduction in single- and multiple-worm infections in chicks

Reproduction, Parasite
Fried B; Fine RH; Felter BL
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Leucochloridiomorpha constantiae, growth, development, and pairing of metacercariae on chorio-allantois of chick embryos cultivated in vitro vs. worms grown in bursa of Fabricius of domestic chicks

Reproduction, Parasite
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1979 Proc Helminth Soc Washington 46 (1) Jan 70-73 Issued Mar 14 Wa
Leucochloridiomorpha constantiae metacercariae, development on chick chorioallantoic membranes (CAM) and in chick embryos, worms grown singly were capable of self-fertilization, acetabular attachment to CAM is similar to attachment seen in chick bursa of Fabricius

Reproduction, Parasite
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Amblyomma americanum, woodlot-pastured Braford and Hereford heifers, fecundity and development of ticks compared: eastern Oklahoma

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Glaridacris catostomi, mitotic and meiotic chromosomes, diploidy, triploidy, and parthenogenesis, taxonomic and evolutionary implications

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Hess E
1980 Ztschr Parasitenk 61 (2) 135-159 Wa
Mesocestoides corti, tetrathyridium, ultrastructure, differentiation of its tissues during asexual multiplication and experimental regeneration

Reproduction, Parasite
Holt GG; Adams TS; Sundet WD
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Cochliomyia hominivorax females, sensory mechanisms for selection of ovipositional sites: behavior of ovipositing flies on substrates, olfactometer studies, effect of concentration and temperature of test materials on oviposition

Reproduction, Parasite
Hopkins DE; Chamberlain WF
1980 Ann Entom Soc Am 73 (2) Mar 15 204-206 Wa
Bovicola ovis, gamma irradiation of eggs, effect on egg mortality, egg productivity of subsequent females, and testes development of subsequent males

Reproduction, Parasite
Jackson F; Christie MG
1979 Research Vet Sc 27 (2) Sept 244-245 Wa
Ostertagia circumcincta, lambs, fecal egg counts resulting from continuous low level infection

Reproduction, Parasite
Jacobson HA; Hetrick MS; Guynn DC
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Cuterebra emasculator myiasis in Sciurus spp., seasonal prevalence, sex and age of host, larval development sites, host habitats, parasite fecundity under laboratory conditions: Mississippi

Reproduction, Parasite
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1979 Polish Ecol Studies 5 (2) 61-95 Wa
ecological control of fleas on rodents, habitat capacity, exchange of fleas on and off the host, over abundance of fleas leads to shortened period on host which is long enough to feed but not long enough to obtain blood hormones necessary for reproduction

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Jourdane J; Theron A; Combes C
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Schistosoma mansoni, demonstration of several generations of sporocysts as normal pattern of reproduction

Reproduction, Parasite
Kamal KA; Kamel MY
1977 J Med Entom 14 (2) Nov 25 204-207 Wa
Dermacentor andersoni, Argas arboreus, females, eggs, and larvae, total lipids and total phospholipids during oogenesis and embryogenesis

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Kazakauskaite IaS
1980 Tsitologiia 22 (10) 1170-1175 Wa
Sarcocystis ovifelis, division processes in cysts, electron microscopic investigation

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Kechemir N; Theron A
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Schistosoma haematobium, existence of replicating sporocysts in development cycle

Reproduction, Parasite
Khalil GM; Abdu RM
1979 J Med Entom 16 (4) Nov 7 339-342 Wa
Argas arboreus, effect of substerilizing doses of gamma radiation on male fertility, female fecundity, and progeny, results suggest substerilizing doses induce delayed lethal genes

Reproduction, Parasite
Khalil GM; Abdu RM; Shanbaky NM
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Argas arboreus, effect of gamma radiation on survival of first nymphal instar and on adult fertility

Reproduction, Parasite
Khalil GM; Nada SA; Sonenshine DE
1981 J Parasitol 67 (1) Feb 70-76 Wa
Hyalomma dromedarii, sex pheromone regulation of mating behavior

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1980 Southwest Entom 5 (3) Sept 169-174 Wa
Amblyomma americanum, oviposition, egg hatch, and larval survival at different temperatures and humidities

Reproduction, Parasite
Koch HG; Dunn JC
1980 Southwest Entom 5 (3) Sept 179-182 Wa
Amblyomma americanum, egg production efficiency at different engorgement weights

Reproduction, Parasite
Kosminskii RB; Guseva AA
1975 Parazitologiia Leningrad 9 (3) May-June 265-270 Wa
Ctenophthalmus wagneri, feeding and reproduction under laboratory conditions at 20-21° C or 2-5° C

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Kozakiewicz B
1980 Med Wet 36 (12) Dec 726-727 Wa
Echinococcus granulosus, pigs (exper.), influence of various sexual hormones on development, survival, and fertility of echinococci

Reproduction, Parasite
Kulkarni GK; Nagabhushanam R
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Poecilobdella viridis, biochemical constituents studied monthly to determine variability in course of reproductive cycle

Reproduction, Parasite
Lal AA; Garg NK
1979 J Biosc 1 (2) June 151-157 Wa
Hartmanella culbertsoni, effect of exogenous cholesterol on trophozoite multiplication, lipid metabolism, and lysosomal enzyme activity, results suggest similar pattern of events takes place when parasite is exposed to cholesterol of host brain during meningoencephalitis

Reproduction, Parasite
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 15 (3) Mar 23 187-217 Wa
Tunga monositus on Mus musculus (skin of ear pinna) (exper.), detailed description of feeding behavior and diet, histological study of embedded fleas, development of female on host, dependence on host inflammatory and repair response for survival and reproduction

Reproduction, Parasite
Leahy MG; Booth KS
1980 J Med Entom 17 (1) Jan 31 18-21 Wa
Argas persicus, Ornithodoros coriaceus, and Rhipicephalus sanguineus, induction of sterility and ecdysis failure by precocene 2 (synthetic anti-juvenile hormone), application of juvenile hormone did not reverse effects, effective doses of precocene 2 are too high for consideration as control agent

Reproduction, Parasite
Lewis JW; D'Silva J
1980 J Zool London 191 (3) July 429-433 Wa
Syphacia muris in male and female rats, role of host feeding and defaecation activity in rhythmic deposition of eggs by female nematodes, infectivity of eggs in relation to timing of peak of egg deposition

Reproduction, Parasite
Luetzen J; Nielsen K
1975 Vidensk Medd Dansk Naturh Forening 138 Dec 171-199 Wa
Echineulima spp., sea urchins, mode of attachment, structure of alimentary tract, proboscideal movements and feeding, reproductive organs, oviposition, possible hermaphroditism, sporozoans found in E. mittrei (mantle and digestive glands)

Reproduction, Parasite
McClelland G
1980 Exper Parasitol 49 (2) Apr 175-187 Wa
Phocanema decipiens in Phoca vitulina and Halichoerus grypus (both nat. and exper.), parasite growth, reproduction, survival (in sensitizing and challenge infections), and sex ratio; parasite incidence in free-living hosts varied seasonally and with host age: Nova Scotia

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Cochliomyia hominivorax, evidence of female sex recognition pheromone

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1980 J Med Entom 17 (6) Dec 30 489-493 Wa
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Reproduction, Parasite
Mills CA
1980 Internat J Parasitol 10 (4) Aug 287-291 Wa
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Reproduction, Parasite
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Trypanosoma brucei brucei, in vitro cultivation of vector forms derived from Glossina morsitans morsitans, evidence suggesting existence of sexual forms

Reproduction, Parasite
Oshmarin PG
1975 Parazitologiia Leningrad 9 (5) Sept-Oct 434-438 Wa
trematodes parasitic in oral cavity, pharynx, or esophagus of birds and snakes or in cloaca of birds, ecological role of dilation of distal portion of uterus or a sac-shaped uterus, time of egg laying depends on frequency of some functions (food capture, swallowing, defecation) of host organs inhabited by these trematodes

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Panfilova IM
1980 Zool Zhurnal 59 (8) Aug 1137-1147 Wa
Ixodes persulcatus, feeding females, inhibition of growth and oogenesis related to absence of fertilization, disturbances in activity of synganglion neurosecretory cells and lateral organs, dynamics of activity of different elements of neuro-endocrine system compared in feeding non-fertilized and fertilized females (these changes in non-fertilized females considered an adaptation to long wait for fertilization)

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Parshad VR; Crompton DWT; Nesheim MC
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Powell HC et al
1978 Acta Neuropath Berlin 41 (3) Mar 211-216 Wm
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1980 J Parasitol 66 (2) Apr 287-292 Wa
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Reproduction, Parasite
Reddington JJ et al
1981 J Parasitol 67 (4) Aug 548-555 Wa
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1979 Canad J Zool 57 (2) Feb 424-434 Wa
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Saad AM et al
1980 Research Vet Sc 28 (1) Jan 105-111 Wa
Schistosoma bovis, zebu calves (exper.), development and clinical pathology of primary infections, relationship between clinico-pathological changes and the number and reproductive activities of the worms

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1980 J Protozool 27 (3) Aug 313-315 Issued Oct 9 Wa
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Reproduction, Parasite
Schlein Y; Gunders AE
1981 Parasitology 82 (3) June 467-471 Wa
Ornithodoros, sex pheromone in coxal fluid of female ticks, induces mating behavior in males, both pheromone and recognition of behavioral pattern are essential components of mating behavior

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1980 Tropenmed u Parasitol 31 (1) Mar 34-40 Wa
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Shanbaky NM; Khalil GM; Abdu RM
1979 J Med Entom 16 (2) Sept 28 116-120 Wa
Argas arboreus, effects of different doses of gamma radiation on fertility and longevity of males and females, implications for sterile release programs

Reproduction, Parasite
Shaw JR; Erasmus DA
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Schistosoma mansoni, development of reproductive system of female worms from single-sex infections, varying degrees of incomplete parthenogenesis

Reproduction, Parasite
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1980 Proc Helminth Soc Washington 47 (1) Jan 118-121 Issued Feb 15 Wa
Sarcocystis bovicanis, fertilization by fusion of plasma membranes of micro- and macrogamete and transfer of nuclear material, electron micrograph

Reproduction, Parasite
Shishov BA; Terenina NB
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 115-121 Wa
nematodes, egg-laying in vitro, relationship to movement, effect of removal of anal or cephalic ganglia, effect of certain pharmacological substances on muscular contractions of genital tract

Reproduction, Parasite
Slobodianiuk OV
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 47-58 Wa
nematodes of insects, alternation of generations, review

Reproduction, Parasite
Smith DH
1977 J Med Entom 14 (2) Nov 25 137-145 Wa
Cuterebra approximata in Peromyscus maniculatus and other rodent species, incidence, univoltine life cycle, localization, bimodal seasonal occurrence, effect of egg age, photoperiod, temperature, and ecdysone injections on development, lack of immune response, disparity in adult fly sex ratios, implications of high host specificity and mortality rate for use in biological control, laboratory and field studies: Missoula, Montana

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1981 J Chem Ecol 7 (2) Mar 345-357 Wa
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1980 Ann Trop Med and Parasitol 74 (2) Apr 263-265 Wa
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Stewart GL et al
1980 J Parasitol 66 (1) Feb 94-99 Wa
Trichinella spiralis, in vitro larvaposition by adult worms, effects of several components of in vivo and in vitro incubation environment

Reproduction, Parasite
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1978 Proc Helminth Soc Washington 45 (2) July 261-263 Issued Aug 30 Wa
Pelodera strongyloides, improved bioassay for female sex pheromone when live worms are used; effect of distance on mating under unrestrained conditions, attraction curves are characteristic of receptor fatigue (habituation)

Reproduction, Parasite
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Trypanosoma brucei brucei, series of isolates screened for electrophoretic variation in 19 enzymes, strong evidence that trypanosomes are diploid and undergo random mating and recombination

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1979 Ztschr Parasitenk 61 (1) 63-71 Wa
Schistosoma mansoni, sequence of reconversion of sporocysts producing cercariae to those producing new generations of sporocysts includes: 1) cessation of cercariae production; 2) degeneration of cercariae contained in sporocyst; and 3) production of new generation of sporocysts

Reproduction, Parasite
Thompson GD et al
1980 J Econom Entom 73 (3) June 378-380 Wa
Boophilus annulatus, B. microplus confined on cattle, longevity and fertilization capacity of male ticks, and parthenogenesis of females

Reproduction, Parasite
Thompson GD et al
1981 Experientia 37 (2) Feb 15 127-128 Wa
Boophilus annulatus, B. microplus, male offspring resulting from interspecific crosses are sterile, hybrid females produce sterile sons through 3 backcross generations, sustained infertility of hybrid males may provide mechanism that could be utilized in control program

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1981 Rev Inst Med Trop S Paulo 23 (1) Jan-Feb 1-5 Wm
Schistosoma mansoni, mice, localization and migrating behavior of oviposition of 3 parasite strains compared

Reproduction, Parasite
Valadares TE et al
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1978 Ann Soc Belge Med Trop 58 (2) June 157-158 Wa
Schistosoma mansoni, mice with total ligation of the portal vein, passive migration via bloodstream from lungs accounts for adult worm pairs' presence in systemic circulation, intrahepatic stage of schistosomules is not a prerequisite for full sexual maturation

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1979 Canad J Zool 57 (5) May 1167-1168 Wa
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Wolters E; Heydorn AO; Laudahn C
1980 Berl u Munchen Tierarztl Wchnschr 93 (11) June 1 207-210 Wa
Cystoisospora felis oocysts and Sarcocystis bovifelis sporocysts in feces of cats fed raw bovine diaphragm muscle, no oocysts or sporocysts excreted when cats were fed same tissue after deep-freezing; continuous oocyst passage in cats of two isolates of C. felis resulted in significant differences in prepatent periods and reproduction levels between isolates, differences perhaps related to adaptations to one- or two-host modes of transmission

Reproduction, Parasite
Woo PTK
1981 J Parasitol 67 (4) Aug 522-526 Wa
Trypanosoma danilewskyi, strain isolated initially from Carassius auratus gibelio in Czechoslovakia, morphometric and morphologic characterization, multiplication process in goldfish Carassius auratus (exper.) new for Trypanosoma

Reproduction, Parasite
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1980 Ztschr Parasitenk 64 (1) 17-28 Wa
Capillaria hepatica in Mastomys natalensis (exper.), immunization with embryonated infective eggs, X-irradiated infective eggs, nonembryonated eggs, and soluble egg extracts, effect on worm reproductivity and on host immunity

Reproduction, Parasite
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1981 Ztschr Parasitenk 65 (1) 107-116 Wa
Capillaria hepatica, irradiated vs. untreated eggs in Mastomys natalensis (exper.), macroscopic liver changes, nematode egg production in liver, serum-GLDH activity, antibody titres

Reproductive organs [See also Gonads]

Reproductive organs, Host
Barriga Angulo G; Ruiz Sanchez D
1980 Rev Latinoam Microbiol 22 (2) Apr-June 105-108 Wa
Entamoeba histolytica, patients with cervicouterine infections, characteristics of 15 cases reviewed, host age distribution, some association with cervical carcinoma: Mexico

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Enterobius vermicularis, 39-year-old woman, case report, worm within parenchyma of ovary, proposed pathogenic mechanism

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1980 Am J Trop Med and Hyg 29 (4) July 571-575 Wa
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Plasmodium falciparum-infected erythrocytes, sequestration in human placentae

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1980 Rev Paul Med 96 (3-4) Sept-Oct 79-80 Wm
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Reproductive organs, Host
Costa JS et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 246-260 Wm
Schistosoma mansoni-infected mice, growth, blood picture, histology of glands and reproductive organs, effect of splenectomy

Reproductive organs, Host
Frost O
1979 Ethiop Med J 17 (3) July 81-83 Wm
schistosomiasis, human cervical infections, diagnostic differentiation from cervical cancers and other cervical pathology, significance of diagnostic awareness in schistosomal endemic areas

Reproductive organs, Host
Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 52-60 Wa
Plasmodium falciparum, evaluation of several methods for recognition of pigment and parasites in human placenta

Reproductive organs, Host
Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 61-72 Wa
Plasmodium falciparum-infected human placentae, histological, ultrastructural, and immunopathological studies

Reproductive organs, Host
Georgakopoulos PA; Gogas CG; Sariyannis HG
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Echinococcus granulosus, females, hydatid disease of genitalia, clinical data, pathology, surgical treatment: Greece

Reproductive organs, Host
Gottlieb B et al
1980 Rev Chilena Pediat 51 (6) Nov-Dec 424-428 Wm
Enterobius vermicularis, young girls, high incidence of association with vaginal infections but seldom associated with urinary tract infections: Chile

Reproductive organs, Host
Harlos J; Brust RA; Galloway TD
1980 Canad J Zool 58 (2) Feb 215-220 Wa
Culicimermis sp. reared through 4 successive generations in Aedes vexans, effect of host diet, host sex, and multiple parasitism on size of postparasites, effect of parasitism on ovarian development of host: Manitoba, Canada

Reproductive organs, Host
Kuberski TT
1981 J Clin Microbiol 13 (5) May 880-881 Wa
Trichomonas vaginalis, 35-year-old man, prostatitis, ankylosing spondylitis, case report, possibility that T. vaginalis might play role in prostatitis and pathogenesis of ankylosing spondylitis in some patients

Reproductive organs, Host
deMoraes-Ruehsen M et al
1980 Acta Cytol 24 (5) Sept-Oct 413-420 Wa
Amebae resembling Entamoeba gingivalis in genital tracts of women using intrauterine devices, prevalence: Baltimore Public Health Service and Johns Hopkins laboratories

Reproductive organs, Host
Moya PR; Villagra L; Risco J
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Trypanosoma cruzi, human congenital infections, diagnostic anatomopathological findings in the placenta and umbilical cord

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Nobel TA et al
1981 Vet Parasitol 8 (4) Sept 271-276 Wa
Besnoitia besnoiti, cysts (with or without surrounding granulomatous reaction) were present in genital organs of 6 of 16 infected cows, role of these organisms in abortion and infertility seems to be minor if any: Israel

Reproductive organs, Host
Nwafo DC; Mbonu OO; Egere JU
1981 Ann Trop Med and Parasitol 75 (3) June 323-328 Wa
filariasis, human (males), acute manifestations of genital involvement, possible role in male subfertility, need for early recognition and treatment: Enugu, Nigeria

Reproductive organs, Host
Pien FD; Navin JJ; Carty F
1981 Am J Trop Med and Hyg 30 (3) May 742-743 Wa
amebae as well as colonies of Actinomyces found in routine Papanicolaou smear of woman with in dwelling intrauterine device, organisms disappeared upon removal of IUD: Hawaii

Reproductive organs, Host
Rondelaud D; Barthe D
1980 Bull Soc Zool France 105 (4) 481-490 Wa
Fasciola hepatica-infected Lymnaea truncatula (exper.), histopathological studies on genital epithelium

Reproductive organs, Host
Sluiters JF
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Trichobilharzia ocellata, development in Lymnaea stagnalis (exper.), effects of infection on host reproductive system

Reproductive organs, Host
Sluiters JF; Brussaard-Wuest CM; Meuleman EA
1980 Ztschr Parasitenk 63 (1) 13-26 Wa
Trichobilharzia in Lymnaea stagnalis (exper.), effect of miracidial dose on infection rate, length of prepatent period, production of cercariae, snail growth and ovipository activity, and weights of snail accessory sex organs

Reproductive organs, Host
Tiboldi T
1978 Ann Soc Belge Med Trop 58 (1) Mar 9-20 Wa
Schistosoma spp., pathological involvement of human and primate ovaries, critical review of literature published during last 70 years

Reproductive organs, Host
Vincènt AL et al
[1980] J Parasitol 65 (6) Dec 1979 990 Issued Apr 2 Wa
Brugia spp. in Meriones unguiculatus, histopathology in testes

Reproductive organs, Host
Winter AJ et al
1981 Advances Exper Med and Biol 137 745-752 Wa
nature of immunity in male bovine reproductive tract based upon responses to Campylobacter fetus and Trichomonas fetus, review

Reproductive organs, Host
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trichomoniasis, human vaginal infections, evidence that infestation interferes with metabolism of glucophosphates found in the squamous epithelium of the uterine portion, proliferative changes in connective tissues

Reproductive organs, Parasite
Amin OM
1981 Tr Am Micr Soc 100 (1) Jan 42-51 Wa
Myzobdella lugubris, reproductive abnormalities in number of testes

Reproductive organs, Parasite
Ansari MS; Murad H
1981 Netherlands J Zool 31 (2) June 466-471 Wa
Hippobosca maculata, histomorphology of female reproductive organ

Reproductive organs, Parasite
Asaolu SO
1980 Parasitology 81 (2) Oct 433-446 Wa
Moniliformis dubius, morphology of female reproductive system, detailed description of efferent duct and ligament sacs

Reproductive organs, Parasite
Asaolu SO
1981 Parasitology 82 (2) Apr 297-309 Wa
Moniliformis dubius males, morphology of reproductive system

Reproductive organs, Parasite
Asaolu SO et al
1981 Parasitology 83 (1) Aug 23-32 Wa
Moniliformis dubius, development of ovarian balls, light and transmission electron microscopy

Reproductive organs, Parasite
Bogoiavlenskii IuK; Onushko NV; Andreeva AM
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 193-199 Wa
male nematodes, micromorphological organization of genital systems

Reproductive organs, Parasite
Clough ER
1981 J Parasitol 67 (4) Aug 535-539 Wa
Schistosoma mansoni, morphology of reproductive organs and oogenesis in bisexual and unisexual transplants of mature females, separation of females from their male partners leads to reversible degeneration of female reproductive tract

Reproductive organs, Parasite
Degrugillier ME; Grosz SG
1981 Ann Entom Soc Am 74 (2) Mar 217-221 Wa
Cochliomyia hominivorax, effects of ablation of female accessory reproductive gland on fertility

Reproductive organs, Parasite
Dunagan TT; Miller DM
1979 Proc Helminth Soc Washington 46 (1) Jan 106-114 Issued Mar 14 Wa
Macracanthorhynchus hirudinaceus males, genital ganglion and associated nerves, light and scanning electron microscopy

Reproductive organs, Parasite
Erasmus DA; Popiel I
1980 Exper Parasitol 50 (2) Oct 171-187 Wa
Schistosoma mansoni, 4 stages in development of mature vitelline cell defined precisely, % of their contribution to cell population of vitelline lobule determined, effects of astiban, lucanthone, and hycanthone on this cell population

Reproductive organs, Parasite
Feldman-Muhsam B; Bachrach U; Ben-Joseph M
1980 J Insect Physiol 26 (6) 407-413 Wa
Ornithodoros savignyi, presence of spermine in spermatophore, first report of spermine in the Arthropoda

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Hulinska D
1968 Folia Parasitol 15 (1) 15-27 Issued Mar Wa
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Reproductive organs, Parasite
Jenkins T; Larkman A; Funnell M
1979 Internat J Invert Reprod 1 (6) Dec 371-385 Wa
Trichuris muris, spermatogenesis, fine structure of spermatogonia

Reproductive organs, Parasite
Kanwar U; Agrawal M; Nath V
1980 Zool Polon 28 (2) 189-198 Wa
Gastrothylax crumenifer, Ceylonocotyle dawesi, non-enzymatic components in ovary, cytochemical analysis

Reproductive organs, Parasite
Kanwar U; Kansal M
1980 J Helminth 54 (4) Dec 263-266 Wa
Paramphistomum epiclitum, Paradistomoides orientalis, prostate glands, cytochemistry

Reproductive organs, Parasite
Kulkarni GK; Hanumante MM
1977 Marathwada Univ J Sc (Nat Sc) 16 (9) 225-228 Wa
Poecilobdella viridis, reproductive organs, morphology

Reproductive organs, Parasite
Luetzen J; Nielsen K
1975 Vidensk Medd Dansk Naturh Forening 138 Dec 171-199 Wa
Echineulima spp., sea urchins, mode of attachment, structure of alimentary tract, proboscideal movements and feeding, reproductive organs, oviposition, possible hermaphroditism, sporozoans found in E. mittrei (mantle and digestive glands)

Reproductive organs, Parasite
Martin J; Lee DL
1980 Parasitology 81 (3) Dec 579-586 Wa
Nematodirus battus, structure of male reproductive system and spermatogenesis in young adult males

Reproductive organs, Parasite
Martin J; Lee DL
1980 Parasitology 81 (3) Dec 587-592 Wa
Nematodirus battus, changes in structure of male worm reproductive system during rejection from lambs

Reproductive organs, Parasite
Nollen PM
1981 J Parasitol 67 (3) June 355-361 Wa
Schistosoma mansoni, localization of ^{3}H-thymidine in oocyte mitochondria

Reproductive organs, Parasite
Oshmarin PG
1975 Parazitologiia Leningrad 9 (5) Sept-Oct 434-438 Wa
trematodes parasitic in oral cavity, pharynx, or esophagus of birds and snakes or in cloaca of birds, ecological role of dilation of distal portion of uterus or a sac-shaped uterus, time of egg laying depends on frequency of some functions (food capture, swallowing, defecation) of host organs inhabited by these trematodes

Reproductive organs, Parasite
Otubanjo OA
1980 Parasitology 81 (3) Dec 565-571 Wa
Schistosoma mansoni, ducts of male reproductive system, ultrastructure

Reproductive organs, Parasite
Otubanjo OA
1981 Parasitology 82 (1) Feb 125-130 Wa
Schistosoma mansoni, sustentacular cells of testes, complexity and subcellular characteristics, possible functions

Reproductive organs, Parasite
Parshad VR; Crompton DWT; Martin J
1980 Parasitology 81 (2) Oct 423-431 Wa
Moniliformis dubius (? = M. moniliformis), surface morphology of ovarian balls from worms of different ages, scanning electron microscopy; preliminary observations on division process of ovarian balls from uninseminated and inseminated worms of known age, light microscopy

Reproductive organs, Parasite
Parshad VR; Guraya SS
1979 Internat J Invert Reprod 1 (4) Aug 263-266 Wa
Centrorhynchus corvi, seasonal testicular activity in relation to changes in host physiology and possible mode of infection

Reproductive organs, Parasite
Popiel I; Erasmus DA
1981 J Helminth 55 (1) Mar 33-37 Wa
Schistosoma mansoni, changes in rate of tyrosine uptake and incorporation by unisexual females after stimulation by males and male extracts, implications for reproductive development

Reproductive organs, Parasite
Popiel I; Erasmus DA
1981 Exper Parasitol 52 (1) Aug 35-48 Wa
Schistosoma mansoni, effect of niridazole on ultrastructure and morphogenesis of vitelline gland

Reproductive organs, Parasite
Sharma PN; Mandawat S; Sharma AN
1981 J Helminth 55 (2) June 141-148 Wa
Ceylonocotyle scoliocoelium, Mehlis' gland, non-enzymatic and enzymatic histochemistry, physiological implications

Reproductive organs, Parasite
Shaw JR; Erasmus DA
1981 Parasitology 82 (1) Feb 121-124 Wa
Schistosoma mansoni, development of reproductive system of female worms from single-sex infections, varying degrees of incomplete parthenogenesis

Reproductive organs, Parasite
Tenora F; Wiger R; Barus V
1978 Vestnik Ceskoslov Spolec Zool 42 (2) May 160-161 Wa
Heligmosomoides polygyrus, morphology of bursa copulatrix and body surface, scanning electron microscopy

Reservoir hosts [See also Disease transmission; Epidemiology]

Reservoir hosts
Arias JR et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 537-541 Wa
Leishmania braziliensis guyanensis, Didelphis marsupialis as significant reservoir host under conditions where forest has been much disturbed by man: Amazonas State, Brazil

Reservoir hosts
Awan MAQ
1979 Acta Trop 36 (4) Dec 343-347 Wa
Trypanosoma brucei subspecies isolated from game animals, identification by Blood Incubation Infectivity Test: Zambia

Reservoir hosts
Balbo T et al
1978 Parassitologia 20 (1-3) Dec 131-137 Wa
gastrointestinal nematodes, comparative distribution in domestic and wild ruminants: Alpi Occidentali, Italy

Reservoir hosts
Baldry DAT
1980 Insect Sc and Its Applic 1 (1) 85-93 Wa
Glossina palpalis, G. tachinoides, local distribution and ecology in West African human trypanosomiasis (WAT, Trypanosoma brucei gambiense) foci in forest and forest-savanna areas, possible relationships between tsetse, animal reservoirs (particularly domestic pigs), and man in WAT foci

Reservoir hosts
Barrett TV et al
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 703-709 Wa
Trypanosoma cruzi, outbreak of acute Chagas's disease, distribution of triatomine vectors and reservoir hosts in rural community in Riacho de Santana, Sao Francisco Valley region of Bahia, Brazil

Reservoir hosts
Barretto MP; Ribeiro RD
1979 Rev Inst Adolfo Lutz 39 (1) June 25-36 Wa
Trypanosoma cruzi, list of wild animal reservoirs recorded in South America

Reservoir hosts
Barretto MP; Ribeiro RD; Ferriolli Filho F
1980 Rev Brasil Biol 40 (2) May 387-391 Wa
Trypanosoma cruzi, 50 strains isolated from Didelphis marsupialis aurita and D. a. azarae, diagnosis, characteristics and infection patterns studied in laboratory animals and triatomines: Estado de Sao Paulo

Reservoir hosts
Bettini S; Pozio E; Gradoni L
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 77-83 Wa
Leishmania [sp.], occurrence in Rattus rattus and Vulpes vulpes in a human and canine leishmaniasis focus: Tuscany, Italy

Reservoir hosts
Boid R et al
1981 Trop Animal Health and Prod 13 (3) Aug 141-146 Wa
Trypanosoma evansi, goats, sheep, and camels examined with 3 parasitological tests and enzyme immunoassay, trypanosomes found only from camels, antibodies found in all 3 host species, possible epidemiological significance in relation to camel trypanosomiasis: Eastern Sudan

Reservoir hosts
Bonfante-Garrido R et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 471 Wa
Leishmania braziliensis complex in Equus asinus, cutaneous lesions, possible importance as reservoir: Venezuela

Reservoir hosts
Carmichael AC; Muchlinski AE
1980 J Parasitol 66 (2) Apr 365-366 Wa
Schistosomatium douthitti survives hibernation in Zapus hudsonius, may play important role in ecology and life cycle, may serve as long-term reservoir host

Reservoir hosts
Christensen HA; de Vasquez AM
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 278-283 Wa
Rhodnius pallescens, host feeding profiles in rural villages, most common mammalian hosts were humans, opossums, and roof rats, implications for transmission of Trypanosoma cruzi: central Panama

Reservoir hosts
Combes C; Imbert-Establet D
1980 J Helminth 54 (3) Sept 167-171 Wa
Schistosoma mansoni, cercariae produced by snails infected by miracidia originating from human patients or Rattus rattus, comparison of infectivity in experimental infections of white laboratory mice and Rattus rattus, no significant difference in probability of maturation into adult schistosomes, hypothesis that reverse would be true (that cercariae of human or murine origin would be equally capable of infecting man), possible implications for role of rat as reservoir host

Reservoir hosts
Custer JW; Pence DB
1981 Vet Parasitol 8 (1) Feb 71-82 Wa
Dirofilaria immitis from Canis latrans, C. rufus gregoryi, and C. latrans x C. rufus gregoryi hybrids, prevalence and intensity, host age and sex, parasite sex ratio and localization, pathological responses, wild canids from this area are regarded as natural definitive hosts and primary reservoirs for heartworms, appears that this infection is important factor in morbidity and mortality of these hosts: Gulf coastal prairies of Texas and Louisiana, U.S.A.

Reservoir hosts
Davis DS et al
1980 J Wildlife Dis 16 (3) July 403-406 Wa
Trypanosoma cruzi in Mephitis mephitis (myocardial fibers) (exper.), minimal clinical signs, blood culture, serology (direct and latex agglutination tests), histopathology, results suggest M. mephitis should be regarded as potential reservoir host for Chagas' disease in the Southwest

Reservoir hosts
Dipeolu OO; Akinboade OA; Adetunji A
1981 Vet Parasitol 8 (4) Sept 337-339 Wa
Anaplasma marginale, experimental transmission from naturally infected Cricetomys gambianus to splenectomized calf, possible significance of C. gambianus as reservoir host: Nigeria

Reservoir hosts
Duewel D
1980 Ztschr Parasitenk 63 (2) 137-143 Wa
Fasciola hepatica, passage through sheep and Oryctolagus cuniculus, exposure to Lymnaea tomentosa with resulting number and motility of encysted metacercariae, infectivity to rats, sheep, and rabbits; results indicate that development of Fasciola is impaired in various phases after rabbit passage and that rabbits play only minor role in epidemiology

Reservoir hosts
Fleming WJ; Nusbaum SR
1979 N York Fish and Game J 26 (2) July 198 Wa
toxoplasmosis and other diseases, Odocoileus virginianus, serological survey, results suggest that deer are not primary reservoir of diseases of domestic animals: Seneca Army Depot, Seneca County, New York

Reservoir hosts
Foreyt WJ; Foreyt KM
1981 J Parasitol 67 (2) Apr 284-286 Wa
Oslerus osleri (= Filaroides osleri) of coyote origin, successful direct experimental transmission to coyotes but not to domestic dogs, suggests that wild coyote populations do not serve as effective reservoir for infections in domestic dogs; results of experiments with rats to determine possible role of rodents as transport or paratenic hosts were inconclusive

Reservoir hosts
Gentile B et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 612-613 Wa
dermal leishmaniasis, Choloepus didactylus as reservoir host: French Guiana

Reservoir hosts
Gonzalez H et al
1980 Bol Chileno Parasitol 35 (1-2) Jan-June 10-14 Wm
Diphyllobothrium sp. similar to D. dendriticum, morphology, possible reservoir hosts: Lago Rupanco, Chile

Reservoir hosts
Herrer A; Christensen HA
1980 Am J Trop Med and Hyg 29 (6) Nov 1196-1200 Wa
Leishmania braziliensis in Choloepus hoffmanni (skin, blood, liver, spleen, bone marrow, lung tissues) in relation to host age, nature and course of infection, improved detection of natural infections resulting from increased tissue sampling in culture techniques, considered to be principal reservoir host: Panama

Reservoir hosts
Holliman RB; Meade BJ
1980 J Wildlife Dis 16 (2) Apr 205-207 Wa
Trichinella spiralis in wild-trapped rodents, possible zoonotic relationship between wild rodent and swine trichinosis: Henrico County, Virginia

Reservoir hosts
Houin R; Deniau M; Liance M
1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (19) May 19 1269-1271 Wa
Echinococcus multilocularis, hepatic hydatid found in Arvicola terrestris, this rodent may play role in persistence and geographic localization of this zoonosis: France

Reservoir hosts
Jourdane J; Imbert-Establet D
1980 Acta Trop 37 (1) Mar 41-51 Wa
Schistosoma mansoni in wild Rattus rattus (exper.), dynamics of worm population, size of adults, migration, production of fertile eggs, hypothesis concerning role of this host in epidemiology in Guadeloupe

Reservoir hosts
Kamiya H et al
1980 Japan J Exper Med 50 (5) Oct 375-382 Wa
Schistosoma japonicum, prevalence in Rattus rattus mindanensis by month, host age, and host sex, distribution of eggs in various organs, COP reaction of sera, prevalence of cercariae in Oncomelania quadrasi by month: Dagami, Leyte, Philippines

Reservoir hosts
Karapet'ian AB et al
1975 Parazitologiia Leningrad 9 (4) July-Aug 366-372 Wa
zoonotic cutaneous leishmaniasis, reservoir hosts (primarily [Rhombomys opimus]), sandfly vectors: oasis zone, Tashauzsk oblast, Turkmensk SSR

Reservoir hosts
Karbe E et al
1979 Tropenmed u Parasitol 30 (3) Sept 313-317 Wa
Babesia bigemina, carrier state experimentally established in Syncerus caffer but not in Taurotragus oryx, no evidence of B. bigemina in free-ranging S. caffer, implications for epidemiology of bovine babesiosis in East Africa

Reservoir hosts
Killick-Kendrick R; Ward RD
1981 Parasitology 82 (4) July 143-152 Wa
ecology of Leishmania, Workshop Proceedings, 3. European Multicolloquium of Parasitology

Reservoir hosts
Kim DC
1974 Yonsei Rep Trop Med 5 (1) Nov 3-44 Wm
Clonorchis sinensis, humans, vectors, reservoir hosts, extensive ecological and prevalence survey in high and low endemicity areas (seasonal distribution, sex and age factors, transmission factors): Korea

Reservoir hosts
Krampitz HE
1981 Hautarzt 32 (5) May 221-227 Wm
Elba triad (cutaneous or visceral leishmaniasis, harara, light dermatoses), humans, epidemiologic investigation of this pathologic condition in tourists after travel to the Tuscany archipelago, probable Phlebotomus vectors, significance of dogs travelling with tourists as possible reservoir hosts: Germany

Reservoir hosts
Lainson R et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 530-536 Wa
Leishmania, isolation and identification of species from sandflies, wild mammals, and man with particular reference to possible reservoir hosts of L. braziliensis guyanensis: north Para State, Brazil

Reservoir hosts
Lainson R; Shaw JJ; Povoa M
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 611-612 Wa
Leishmania braziliensis guyanensis in Choloepus didactylus (viscera, skin) and Tamandua tetradactyla (viscera), importance of these hosts as primary reservoirs: north Brazil

Reservoir hosts
Le Pont R; Pajot FX; Reguer R
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 133 Wa
cutaneous leishmaniasis, human, possible vector and reservoir host: French Guiana

Reservoir hosts
Lin CY; Chen SN
1980 Med J Osaka Univ 31 (1-2) Sept 7-11 Wm
Angiostrongylus cantonensis, children, epidemiology, vector and reservoir host survey, disease has close association with rainy season when Achatina fulica vectors are most active: North Taiwan

Reservoir hosts
Luppi A; Morganti L
1977 Parassitologia 19 (3) Dec 189-206 Wa
parasitism and other infections, humans and other animals as reservoir hosts, review

Reservoir hosts
Maas J; Buening GM; Porath W
1981 J Wildlife Dis 17 (1) Jan 45-47 Wa
Anaplasma marginale in Odocoileus virginianus, serologic evidence using modified rapid card agglutination test, results indicate that free-ranging deer population cannot be considered a significant reservoir of anaplasmosis: Missouri

Reservoir hosts
Mayrink W et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 757-758 Wa
Leishmania [sp.], dogs (cutaneous lesions on ears), may be link-hosts between sylvatic reservoirs of infection and human disease: Manaus, Amazonas State, Brazil

Reservoir hosts
Mehlitz D; Brinkmann U; Haller L
1981 Tropenmed u Parasitol 32 (3) Sept 129-133 Wa
Trypanosoma brucei gambiense, epidemiological studies on animal reservoir of gambiense sleeping sickness, review of literature and description of study areas in Ivory Coast and Upper Volta

Reservoir hosts
Mello DA; Valin E; Teixeira ML
1979 Rev Saude Pub S Paulo 13 (4) Dec 314-325 Wm
Trypanosoma cruzi, wild strains (collected during study of reservoir hosts) in experimental hosts, parasitemia, prepatent period, pathogenicity, pathology, tissue tropism: county of Formosa, State of Goias, Brasil

Reservoir hosts
Minter-Goedbloed E
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 345-349 Wa
Trypanosoma b. brucei and T. b. rhodesiense in chickens infected as embryos or as adult birds, acquired resistance against reinfection, implications of findings with regard to potential role of chickens and other birds as reservoir hosts

Reservoir hosts
Minter-Goedbloed E; Franca S; Draper CC
1980 J Trop Med and Hyg 83 (4) Aug 157-160 Wa
Trypanosoma cruzi, latex agglutination test considered unsuitable for screening rats and opposums as possible reservoir hosts, results of assessments of field survey in Eastern Brazil

Reservoir hosts
Molyneux DH
1980 Insect Sc and Its Applic 1 (1) 59-63 Wa
Trypanosoma brucei gambiense, animal reservoirs and residual 'foci' in West Africa, review

Reservoir hosts
Morsy TA; Michael SA; El Disi AM
1980 J Egypt Soc Parasitol 10 (1) June 5-18 Wa
cats as reservoir hosts of human parasites: Amman, Jordan

Reservoir hosts
Mutinga MJ et al
1980 Ann Trop Med and Parasitol 74 (2) Apr 139-144 Wa
Leishmania donovani sensu lato in dogs (viscera) from homesteads where human kala-azar cases existed, significance in terms of epidemiology of visceral leishmaniasis: Machakos District, Kenya

Reservoir hosts
Nadim A et al
1979 Bull Soc Path Exot 72 (1) Jan-Feb 31-35 Wa
leishmaniasis, human cutaneous zoonotic infections, epidemiologic survey, vectors and reservoir hosts: plain areas of north Afghanistan

Reservoir hosts
Nozais JP et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 155-163 Wa
Paragonimus uterobilateralis, P. africanus, Poikilorchis congolensis, humans, differential diagnosis (keys to adults and eggs), distribution in West Africa, probable first and second intermediate hosts, reservoir hosts, pathologic forms, review

Reservoir hosts
Pozio E et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 393-395 Wm
Leishmania [sp.] isolated from Rattus rattus in coastal leishmaniasis focus, epidemiological and ecological characteristics of focus compared with inland focus, possible role of R. rattus as natural reservoir: Monte Argentario, Province of Grosseto, Tuscany, Italy

Reservoir hosts
Preston JM et al
1979 J Wildlife Dis 15 (3) July 399-404 Wa
gastro-intestinal nematodes, Ovis aries, Gazella thomsonii, experimental cross-transmission

Reservoir hosts
Ribeiro RD et al
1980 Rev Brasil Biol 40 (1) Feb 51-58 Wa
Trypanosoma cruzi, 3 strains isolated from Callithrix jacchus were pathogenic for white mice, experimental infection of T[riatoma] infestans, T. vitriceps, and R[hodnius] neglectus, role of C. jacchus as wild reservoir; blood trypomastigotes of monkey strain not inactivated by normal human serum and cross immunity tests showed that mice recovered from infections with monkey strains had high resistance against re-infection by Y strain of T. cruzi: Estado de Bahia, Brasil

Reservoir hosts
Rickman LR
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 122-123 Wa
Trypanosoma b. brucei, T. b. rhodesiense, effects of serum samples from some African game animals in blood incubation infectivity test, implications for role of wild fauna as reservoirs of trypanosomes pathogenic to man and to his domestic animals

Reservoir hosts
Roneus O; Christensson D
1979 Acta Vet Scand 20 (4) 583-594 Wa
Trichinella spiralis in Vulpes vulpes, prevalence, age and sex of host, role as reservoir host, potential danger of transmission to man and swine: Sweden

Reservoir hosts
Schnur LF et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
Leishmania strains isolated in Old and New World from human visceral cases, dogs, and wild animals thought to be reservoirs of human visceral leishmaniasis, biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant densities, excreted factor serotypes, and electrophoretic mobilities of enzymes), ability of L. tropica-like organisms to visceralize, non-L. tropica organisms considered as essentially being single complex that is widely distributed in world

Reservoir hosts
Spielman A et al
1981 Am J Trop Med and Hyg 30 (3) May 560-565 Wa
Babesia microti, survey to identify reservoir hosts of human babesiosis with particular emphasis on Peromyscus leucopus (prevalence and intensity of infection, seasonal distribution, host age and sex): islands along New England coast

Reservoir hosts
Van Heerden J
1980 J South African Vet Ass 51 (2) June 119-120 Wa
Babesia canis, transmission by intravenous injection from domestic dog to Lycaon pictus and Canis mesomelas, no signs of disease observed but blood from infected jackals inoculated into domestic dogs resulted in severe babesiosis, results indicate L. pictus and C. mesomelas are potential reservoirs

Reservoir hosts
Wells EA et al
1981 J Wildlife Dis 17 (1) Jan 153-162 Wa
Mammalian wildlife diseases as hazards to man and livestock in an area of the Llanos Orientales of Colombia

Reservoir hosts
Whitlaw JT jr
1980 Internat J Dermat 19 (3) Apr 142-143 Wm
vector-borne diseases such as Trypanosoma cruzi or T. rangeli, importance of palm trees in etiology (provide shelter for Rhodnius sp. vectors and reservoirs such as opossums, provide thatch for roofs of human dwellings thus giving reservoirs a new home): Panama

Residues [See also Pharmacology]

Residues
Aziz MA
1980 Vet Med Rev (2) 145-149 Wa
Fasciola hepatica, sheep and cattle, efficacy of bilevon injection, low toxicity, tolerance and residue patterns

Residues
Delatour P; Burgat-Sacaze V
1981 Rec Med Vet 157 (2) Feb 213-218 Wa
albendazole, fenbendazole, toxicological assessment of residues

Residues
Erickson SH; Oppenheim GL; Smith GH
1981 Obst and Gynec 57 (1) Jan 48-50 Wa
breast milk concentrations of metronidazole in women treated for Trichomonas vaginalis, highest concentration 2-4 hours after administration, withholding breast feeding for 12-24 hours reduces infant exposure to drug

Residues
Gabrio T et al
1980 Arch Exper Vet-Med 34 (5) Sept 713-718 Wa
butonate, vinylbutonate, dichlorphos, and trichlorfon, excretion in milk of cattle following treatment with Pedix PE 50

Residues
Gylstorff I
1978 Ruckstande Geflugel u Eiern Ber Kolloq (Bonn-Bad Godesberg May 28 1975) 20-85 Wa
helminths, poultry, residues in tissues and eggs following treatment with coccidiostats and anthelmintics, toxicity

Residues
Kolmodin-Hedman B; Borglund E; Werner Y
1979 Acta Dermato-Venereol 59 (3) 276-278 Wm
scabies, humans, percutaneous absorption of DDT from tenutex (commercial emulsion containing DDT), children especially show measurably increased plasma concentrations after repeated applications: Sweden

Residues
Ladage CA; van Riessen HA
1980 Proc 1 European Cong Vet Pharmacol and Toxicol (Zeist Sept 25-28 1979) 332-334 Wa
Fasciola hepatica, cattle, nitroclofene, efficacy, concentration in milk and plasma, irritancy to muscle at site of injection

Residues
Lueders H; Hinz KH
1978 Ruckstande Geflugel u Eiern Ber Kolloq (Bonn-Bad Godesberg May 28 1975) 14-19 Wa
coccidiosis and bacteria, poultry, possible residues of sulfonamides and nitrofurans in meat, fat, parenchymatous organs and eggs following therapy, review

Residues
McDougall KW; Heath AB; Black RR
1979 Austral J Exper Agric and Animal Husb (101) 19 Dec 663-665 Wa
amitraz, residues in tissues, milk, and butter of cattle

Residues
Majewski T; Podgorski W; Michalowska R
1979 Polski Arch Wet 21 (2) 249-255 Wa
dichlorovos, rabbits, residues in fat tissue and fetus, in vitro studies on dynamics of disintegration in liver tissue

Residues
Petz M; Thier HP; Vogt H
1980 Ztschr Lebensmittel-Untersuch u -Forsch 170 (5) 329-333 Wa
amprolium, poultry, analysis of residues in muscle tissue, organs, and eggs using gas chromatography

Residues
Terblanche HJJ
1979 Vet Med Rev (2) 115-117 Wa
febantel, residues in goat tissues; concluded that goat meat is safe for human consumption

Residues
Wang CC; Simashkevich PM
1980 Molec and Biochem Parasitol 1 (6) Oct 335-345 Wa
arprinocid vs. arprinocid-1-N-oxide, drug binding and inhibition of hypoxanthine transport in HeLa cells, in vitro anticoccidial activity against Eimeria tenella, tissue residue levels (of both) in arprinocid-medicated chickens

Resistance, Drug
Aderounmu AF; Salako LA; Adelusi SA
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 393-395 Wa
Plasmodium falciparum, children, chloroquine treatment, results do not confirm suspicion of chloroquine resistance in this area although RI level of resistance by WHO criteria was not excluded: Ibadan, Nigeria

Resistance, Drug
Aderounmu AF; Salako LA; Walter O
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 637-640 Wa
Plasmodium falciparum, correlation of in vitro with in vivo chloroquine sensitivity: Ibadan, Nigeria

Resistance, Drug
Aronsson B et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 367-373 Wm
Plasmodium falciparum, human, chloroquine-resistant infections acquired in Madagascar and Kenya

Resistance, Drug
Arowolo RO; Ikede BO
1980 Vet Rec 108 [i e 106] (3) Jan 19 59 Wa
Trypanosoma vivax, Y58 strain, sheep (exper.), variable pattern of parasitaemia and mortality rate, susceptibility of strain to berenil and samorin

Resistance, Drug
Avila JL; Avila A; Munoz E
1981 Am J Trop Med and Hyg 30 (4) July 769-774 Wa
Trypanosoma cruzi, mice infected with 6 different parasite strains, parasitemia curves and mortality, effect of allopurinol treatment, marked differences in sensitivity to allopurinol between strains

Resistance, Drug
Baker JAF; Jordaan JO; Robertson WD
1979 J South African Vet Ass 50 (4) Dec 296-301 Wa
Boophilus microplus, resistance of field isolates to ixodicides, in vitro and in vivo trials: Africa

Resistance, Drug
Barger IA; Lisle KA
1979 Austral Vet J 55 (12) Dec 594-595 Wa
small strongyles, horses, drug resistance to mebendazole, cambendazole, febantel, and fenbendazole; morantel tartrate reduced egg counts to zero: New South Wales

Resistance, Drug
Barton NJ
1980 Austral Vet J 56 (1) Jan 46-47 Wa
Haemonchus contortus, sheep, drug resistance to thiabendazole: near Bairnsdale, Victoria

Resistance, Drug
Bell D
1980 J Antimicrob Chemother 6 (1) Jan 7-9 Wm
malaria chemoprophylaxis, development of resistance to suppressive drugs, current status, brief review

Resistance, Drug
Benat P; Paoletti J; Riou G
1981 Molec and Biochem Parasitol 2 (3-4) Feb 167-176 Wa
Trypanosoma cruzi organisms sensitive and resistant to ethidium bromide, subunit organization of chromatin

Resistance, Drug
Bengtsson E et al
1981 Lancet London (8240) 2 Aug 1 249 Wa
malaria, humans travelling to chloroquine-resistant endemic areas of East Africa, suggested prophylaxis includes chloroquine followed by a long acting sulfonamide 4 weeks after return

Resistance, Drug
Bennet EM et al
1980 Vet Parasitol 7 (3) Nov 207-214 Wa
Haemonchus contortus, sheep, synergistic action of mebendazole and levamisole in treatment of mebendazole-resistant strain

Resistance, Drug
Bjorkman A et al
1980 Ann Trop Med and Parasitol 74 (2) Apr 245-248 Wa
Plasmodium falciparum, children receiving pyrimethamine or chlorproguanil prophylaxis, parasite rate and count, spleen rate and size, hematocrit level, implications of results for mechanism of drug resistance: Northern Liberia

Resistance, Drug
Black F et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 715-716 Wa
Plasmodium falciparum, human, acquired in Malaysia, resistant to chloroquine and fansidar, cured with mefloquine

Resistance, Drug
Black RH
1980 Med J Australia 1 (10) May 17 493-494 Wm
Plasmodium falciparum, increased evidence of chloroquine-resistant malaria in Papua New Guinea necessitates changes in malarial prophylaxis in travellers to that area, brief recommendations for alternate control measures

Resistance, Drug
Brockelman CR; Monkolkeha S; Tanariya P
1981 Bull World Health Organ 59 (2) 249-252 Wa
Plasmodium falciparum, chloroquine-resistant strain in continuous culture, decrease in susceptibility to mefloquine

Resistance, Drug
Canfield CJ
1980 Acta Trop 37 (3) Sept 232-237 Wa
Plasmodium berghei, P. falciparum, aminoalcohol alternatives to mefloquine, antimalarial efficacy, cross resistance, toxicity

Resistance, Drug
Chakravarty SC et al
1979 Indian J Med Research 70 Suppl Dec 34-39 Wa
Plasmodium falciparum, chloroquine (or chloroquine combined with pyrimethamine or primaquine), some resistance in Meghalaya State

Resistance, Drug
Chapman HD
1980 Avian Path 9 (1) 67-76 Wa
Eimeria maxima, breeder vs. broiler isolates from chickens, anticoccidial sensitivity, correlation of drug resistance with history of medication, effect of drugs on weight gains in exper. infected chickens; no difference in pathogenicity of isolates

Resistance, Drug
Chen P et al
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 435-440 Wa
Plasmodium falciparum, 7 strains from Papua New Guinea, establishment of continuous lines, culture characteristics, resistance to chloroquine and pyrimethamine determined

Resistance, Drug
Chin W; Collins WE
1980 Am J Trop Med and Hyg 29 (6) Nov 1143-1146 Wm
Plasmodium falciparum, 3 strains isolated by culture method of Trager and Jensen, strain characteristics (sensitivity to antimalarials, virulence of infections in Aotus monkeys, production of gametocytes) differed markedly depending on ease of adaptation to culture, implications of findings particularly as they may apply to epidemiology of chloroquine-resistant falciparum malaria

Resistance, Drug
Cristescu A; Giurca I; Durbaca S
1980 Arch Roumaines Path Exper et Microbiol 39 (2) Apr-June 171-177 Wa
Cimex lectularius, investigation of resistance to organochlorine and organophosphorus insecticides

Resistance, Drug
Darlow B et al
1980 Lancet London (8206) 2 Dec 6 1243 Wa
Plasmodium falciparum, fansidar-resistant strain reported in children in Papua New Guinea

Resistance, Drug
Das S; Roy RG; Pattanayak S
1979 Indian J Med Research 70 Suppl Dec 30-33 Wa
P[lasmodium] falciparum, chloroquine (or chloroquine combined with pyrimethamine or primaquine) resistance in Nagaland, India

Resistance, Drug
De CM et al
1979 Indian J Med Research 70 Suppl Dec 23-26 Wa
P[lasmodium] falciparum, in vivo chloroquine sensitivity testing, some resistance noted in districts of Gujarat and Maharashtra States, India

Resistance, Drug
Donald AD et al
1980 Internat J Parasitol 10 (5-6) Nov-Dec 381-389 Wa
Ostertagia spp. (predominantly O. circumcincta) of sheep, effect of selection with levamisole on benzimidazole resistance

Resistance, Drug
Drudge JH et al
1980 Equine Pract 2 (5) Sept-Oct 23-26 30-34 Wa
strongyles in mares, yearlings, and suckling foals, effectiveness of some anthelmintics, clinical trials, drug resistance

Resistance, Drug
Eastham GM; Rieckmann KH
1981 J Trop Med and Hyg 84 (1) Feb 27-28 Wa
Plasmodium falciparum, cultivation using a portable field incubator, facilitates assessment of susceptibility of parasite to chloroquine and other antimalarials in remote areas

Resistance, Drug
Ebisawa I; Muto T; Tanabe S
1979 Japan J Exper Med 49 (6) Dec 405-412 Wa
P[lasmodium] falciparum, humans, regional differences in responsiveness to chemotherapy, country, continent, and area should be considered when selecting drug(s)

Resistance, Drug
Edwards DI; Shanson D
1980 J Antimicrob Chemother 6 (3) May 402-403 Wm
metronidazole inactivation mechanism by aerobes which could explain metronidazole failure in trichomoniasis therapy

Resistance, Drug
Edwards JR; de Chaneet G
1980 Research Vet Sc 29 (3) Nov 370-372 Wa
Haemonchus contortus, occurrence of field strain resistant to thiophanate and susceptible to thiabendazole and levamisole: Western Australia

Resistance, Drug
Eichenlaub D; Pohle HD
1980 Infection 8 (2) 90-92 Wm
Plasmodium falciparum, African from Comoros Islands who had lived in Berlin for 11 years, chloroquine-resistant infection acquired after home visit, responsive to pyrimethamine and sulphadoxine, case report

Resistance, Drug
Faehlmann M; Rombo L; Hedman P
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 362-364 Wa
Plasmodium falciparum, serum concentrations of chloroquine in patient with late recrudescence of malaria, case report, results indicate that ineffective serum levels should be ruled out in cases not responding to chloroquine especially when chloroquine resistance is suspected: Swedish tourist who had visited Kenya

Resistance, Drug
Ferraroni JJ et al
1981 Am J Trop Med and Hyg 30 (3) May 526-530 Wa
Plasmodium falciparum, human, prevalence of chloroquine-resistant falciparum malaria at 28 different sites in the Brazilian Amazon

Resistance, Drug
Fitch CD; Chevli R
1981 Antimicrob Agents and Chemotherapy 19 (4) Apr 589-592 Wa
Plasmodium berghei, sequestration of chloroquine receptor in cell-free preparations of infected erythrocytes, implications for chloroquine resistance

Resistance, Drug
Forsyth BA; Gibbon AJ
1980 Austral Vet J 56 (4) Apr 203-204 Wa
Haemonchus contortus, sheep (exper.), half-dose rates of levamisole will control benzimidazole resistant strain

Resistance, Drug
Goven BA; Gilbert JP; Gratzek JB
1980 J Wildlife Dis 16 (3) July 343-346 Wa
Gyrodactylus elegans on Carassius auratus, dimethyl (2,2,2-trichloro-1-hydroxyethyl) phosphonate, drug resistance, controlled drug trials

Resistance, Drug
Green PE et al
1981 Austral Vet J 57 (2) Feb 79-84 Wa
Haemonchus contortus, isolation of field strain showing resistance to benzimidazole, non-benzimidazole, and organophosphorus anthelmintics: southeastern Queensland

Resistance, Drug
Guha AK et al
1979 Indian J Med Research 70 Suppl Dec 40-47 Wa
Plasmodium falciparum, chloroquine (some tests done simultaneously with mefloquine) resistance detected in Orissa State

Resistance, Drug
Guinan JJ; Kieran PJ
1980 Austral Vet J 56 (1) Jan 46 Wa
Haemonchus contortus, drug resistance to oxfendazole, critical trial: New South Wales

Resistance, Drug
Hall CA et al
1981 Research Vet Sc 31 (1) July 104-106 Wa
closantel, disophenol, efficacy against selected benzimidazole resistant strain of Haemonchus contortus in sheep following treatment at 90, 60, or 30 days before challenge with infective larvae, results show prolonged anthelmintic effect of both drugs 30 and 60 days before challenge, variability in worm burdens of treated animals on 60 day period of treatment may indicate that some sheep metabolise drug at different rate than others

Resistance, Drug
Hall CA et al
1981 Research Vet Sc 30 (2) Mar 138-142 Wa
Haemonchus contortus, Ostertagia spp., 5 generations of selection with benzimidazole and non-benzimidazole anthelmintics against benzimidazole-resistant strains in sheep

Resistance, Drug
Hall CA et al
1981 Research Vet Sc 30 (2) Mar 143-146 Wa
Haemonchus contortus, benzimidazole-resistant strain from sheep, changes in response to thiabendazole after passage through calves

Resistance, Drug
Hall CA; McDonell PA; Graham JM
1980 Austral Vet J 56 (9) Sept 461-462 Wa
Haemonchus contortus, Trichostrongylus colubriformis, benzimidazole resistant strains, anthelmintic activity of closantel in sheep

Resistance, Drug
Hall CA; Ritchie L; McDonell PA
1981 Research Vet Sc 31 (1) July 116-119 Wa
nematodes in naturally infected goat herd and in sheep experimentally infected with goat isolate under controlled laboratory trial, resistance to several anthelmintics determined, influence of host on anthelmintic resistance

Resistance, Drug
Hall RD et al
1980 Poultry Science 59 (11) Nov 2424-2430 Wa
Ornithonyssus sylviarum, laying hens, comparative field trials of 4 acaricides applied as aqueous sprays using different techniques, duration of residual control, degree of drug resistance

Resistance, Drug
Herd RP; Miller TB; Gabel AA
1981 J Am Vet Med Ass 179 (7) Oct 1 686-691 Wa
horses, field evaluation of pro-benzimidazole, benzimidazole, and non-benzimidazole anthelmintics: Ohio

Resistance, Drug
Herlich H; Rew RS; Colglazier ML
1981 Am J Vet Research 42 (8) Aug 1342-1344 Wa
Haemonchus contortus, anthelmintic activity of cambendazole against cambendazole resistant strain, cambendazole susceptible strain, and F_1 and F_2 progenies of mating resistant males with susceptible females, and of the reciprocal mating, lambs, results indicated that heredity of resistance to cambendazole is not sex-linked and probably results from a heterozygous recessive allele

Resistance, Drug
Heyworth R et al
1980 Lancet London (8192) 2 Aug 30 476-478 Wa
Trichomonas vaginalis, isolation of strain resistant to metronidazole

Resistance, Drug
Holzer B et al
1980 Schweiz Med Wchnschr 110 (9) Mar 1 324-328 Wa
Plasmodium falciparum, human, case report, quinine and fansidar therapy, possible fansidar drug resistance: Cambodia

Resistance, Drug
Hughes PB
1981 Internat J Parasitol 11 (6) Dec 475-479 Wa
Lucilia cuprina, field populations, spectrum of cross-resistance to 5 insecticides, no indication of resistance to insect growth regulator vetrazin

Resistance, Drug
Hurwitz ES; Johnson D; Campbell CC
1981 Lancet London (8229) 1 May 16 1068-1070 Wa
Plasmodium falciparum, patients in refugee camp, infection resistant to fansidar: Thailand

Resistance, Drug
Jacquemin JL
1980 Nouv Presse Med 9 (25) June 7 1779 Wm
cutaneous larva migrans, 18-month-old child, case report, resistance to thiabendazole, cure with fluoromebendazole: France

Resistance, Drug
James S
1980 Parasitology 80 (2) Apr 313-322 Wa
Eimeria tenella, differences between thiamine uptake by isolated second-generation schizonts and by host intestinal cells, inhibitory effects of amprolium, further differences in drug-resistant parasite line

Resistance, Drug
Jeffers TK
1981 Avian Dis 25 (2) Apr-June 395-403 Wa
Eimeria tenella, unsuccessful attempt to select for narasin resistance, no evidence of cross-resistance to narasin in strains resistant to amprolium, clopidol, decoquinate, nicarbazin, or robenidine

Resistance, Drug
Jeffers TK; Bentley EJ
1980 Poultry Science 59 (8) Aug 1722-1730 Wa
Eimeria meleagrimitis and E. adenoeides field isolates, turkeys (exper.), characterization of monensin resistance, cross-resistance to other polyether anticoccidials; statistical method of evaluation

Resistance, Drug
Jeffers TK; Bentley EJ
1980 Poultry Science 59 (8) Aug 1731-1735 Wa
Eimeria meleagrimitis field isolate, turkeys, experimental development of monensin resistance through selection, degree of cross-resistance to lasalocid and narasin, suggestion of reduced pathogenicity of selected strain

Resistance, Drug
Jensen JB; Capps TC; Carlin JM
1981 Am J Trop Med and Hyg 30 (3) May 523-525 Wa
Plasmodium falciparum, clinical chloroquine-resistant falciparum malaria acquired in laboratory from cultured parasites, case report

Resistance, Drug
Kazim M; Puri SK; Dutta GP
1979 Indian J Med Research 70 Suppl Dec 95-102 Wa
Plasmodium berghei, mefloquine, strong blood schizontocidal activity against normal parasite strain as well as strains resistant to other antimalarials; development of mefloquine resistant strain in weanling rats for testing antimalarial compounds

Resistance, Drug
Kelly JD et al
1981 Research Vet Sc 30 (2) Mar 131-137 Wa
Trichostrongylus colubriformis, ovine isolates, use of guinea pigs to assay anthelmintic resistance

Resistance, Drug
Kelly JD et al
1981 Research Vet Sc 30 (2) Mar 161-169 Wa
Haemonchus contortus, Trichostrongylus colubriformis, Ostertagia spp., strains susceptible or resistant to thiabendazole, levamisole, and morantel tartrate, anthelmintic efficacy of low-dose phenothiazine against patent infections in sheep

Resistance, Drug
Kelly JD et al
1981 Research Vet Sc 30 (2) Mar 170-174 Wa
Haemonchus contortus, Trichostrongylus colubriformis, Ostertagia spp., strains susceptible or resistant to thiabendazole, levamisole, and morantel tartrate, anthelmintic efficacy of low-dose phenothiazine against sequentially administered infections in sheep

Resistance, Drug
Kelly JD et al
1981 Austral Vet J 57 (4) Apr 163-171 Wa
small strongyles, horses, resistance to benzimidazole anthelmintics, frequency, geographical distribution, relationship between occurrence, animal husbandry procedures, and anthelmintic usage: New South Wales; north central Victoria

Resistance, Drug
Kettle PR et al
1981 N Zealand Vet J 29 (5) May 81-83 Wa
nematodes, sheep, survey of farms for anthelmintic usage and for nematodes resistant to anthelmintics: North Island and Nelson region of South Island

Resistance, Drug
Khoo KK
1981 Ann Trop Med and Parasitol 75 (6) Dec 591-595 Wa
Plasmodium falciparum, P. vivax, treatment in glucose-6-phosphate dehydrogenase deficient patients with chloroquine, chloroquine and primaquine, or sulfadoxine-pyrimethamine, hemolysis occurred in primaquine group, chloroquine resistance common in P. falciparum infections: Sabah, Malaysia

Resistance, Drug
Knight DJ; Williamson P
1980 Ann Trop Med and Parasitol 74 (4) Aug 405-413 Wa
Plasmodium berghei, development of resistance to clociguanil and cycloguanil, cross-resistance patterns with standard antimalarial drugs

Resistance, Drug
Krotoski WA
1980 N England J Med 303 (10) Sept 4 587 Wa
Plasmodium vivax, South east Asian strain, humans, frequency of relapse and primaquine resistance

Resistance, Drug
Lambertucci JR et al
1980 Am J Trop Med and Hyg 29 (1) Jan 50-53 Wa
Schistosoma mansoni, toxemic form, oxamniquine treatment, 5 of 11 individuals parasitologically cured by single oral dose; evaluation (in mice) of possibility of drug resistance in strains obtained from cases in which treatment failed, all mice were cured after single oral dose

Resistance, Drug
Le Jambre LF
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 109-120 Wa
gastrointestinal nematodes, sheep, anthelmintics, parasite resistance in field and laboratory, review: Australia

Resistance, Drug
Lewis JA et al
1980 Genetics 95 (4) Aug 905-928 Wa
Caenorhabditis elegans, genetics of levamisole resistance

Resistance, Drug
Li Y et al
1981 Chinese Med J 94 (5) May 303-304 Wm
[Plasmodium] falciparum, humans with chloroquine resistant infections, clinically cured with hydroxypiperaquine phosphate: Guangdong province, China

Resistance, Drug
Lossick JG
1981 N England J Med 304 (12) Mar 19 735 Wa
Trichomonas vaginalis, metronidazole-resistant strains that cannot be eradicated with large doses exist in the United States

Resistance, Drug
Lourens JHM
1980 Bull Entom Research 70 (1) Mar 1-10 Wa
Rhipicephalus appendiculatus, genetics of organochlorine resistance in 3 East African strains (Entebbe, Katoma, Kericho)

Resistance, Drug
Lourens JHM
1980 J Med Entom 17 (4) July 31 375-379 Wa
Amblyomma spp., organochlorine-resistant and -susceptible strains, susceptibility to cholinesterase-inhibiting acaricides, differences were considered to arise from variation in natural tolerance

Resistance, Drug
Lyons ET et al
1981 Am J Vet Research 42 (7) July 1228-1230 Wa
abomasal nematodes, lungworms, dairy calves, efficacy of levamisole, drug resistance most likely explanation for poor activity against Ostertagia ostertagi

Resistance, Drug
McCleery CH
1981 Lancet London (8250) 2 Oct 10 813 Wa
Plasmodium falciparum and other malarias, prophylaxis particularly with chloroquine, admonitions on use and abuse

Resistance, Drug
McKenzie JA; Dearn JM; Whitten MJ
1980 Austral J Biol Sc 33 (1) Mar 85-95 Wa
Lucilia cuprina, genetic basis of resistance to diazinon in populations in Victoria, Australia

Resistance, Drug
McLoughlin DK; Chute MB
1979 Proc Helminth Soc Washington 46 (1) Jan 138-141 Issued Mar 14 Wa
Eimeria tenella in White Leghorn cockerels (exper.), loss of amprolium resistance by admixture of sensitive and resistant strains, in vivo and in vitro dilution

Resistance, Drug
McLoughlin DK; Chute MB
1979 Proc Helminth Soc Washington 46 (2) July 265-269 Issued Aug 14 Wa
Eimeria tenella in chickens (ceca) (exper.), efficacy of rofenaid (sulfadimethoxine + ormetoprim), no cross resistance by 13 strains resistant to other anticoccidials, rofenaid-resistant strain cross-resistant to robenidine but not to 8 other anticoccidials tested

Resistance, Drug
Mahoney JL
1980 J Trop Med and Hyg 83 (5) Oct 207-209 Wa
Plasmodium falciparum, assessment of response to chloroquine in Africans and expatriates, study inconclusive but suggests that chloroquine resistant malaria has been observed and does exist in the Ivory Coast, West Africa

Resistance, Drug
Mahoney JR; Eaton JW
1981 Biochem and Biophys Research Commun 100 (3) June 16 1266-1271 Wa
Plasmodium berghei, association of chloroquine resistance with enhanced plasmodial protease activity

Resistance, Drug
Martin PJ; Le Jambre LF; Claxton JH
1981 Internat J Parasitol 11 (1) Feb 35-41 Wa
Haemonchus contortus, impact of refugia on development of thiabendazole resistance

Resistance, Drug
Mathis GF; McDougald LR
1981 Parasitology 83 (2) Oct 281-284 Wa
Eimeria acervulina, 9 field isolates and one laboratory strain, effect of amprolium and dinitolmide on weight gain and lesions of infected chickens and on oocyst sporulation, results show that coccidia that are resistant to either drug are able to cause lesions in presence of the drugs and oocysts that are produced will sporulate normally

Resistance, Drug
Matthewson MD; Blackman GG; Hirst RG
1980 Vet Rec 107 (21) Nov 22 491 Wa
Boophilus decoloratus, Zambian strains, resistance to certain organophosphorus ixodicides

Resistance, Drug
Mattoccia LP; Lelli A; Cioli D
1981 Molec and Biochem Parasitol 2 (5-6) Apr 295-307 Wa
Schistosoma mansoni, effect of hycanthone and its analog IA-4 on macromolecular synthesis in adult, immature, and hycanthone-resistant schistosomes and in HeLa cells, results suggest inhibition of RNA synthesis as possible mechanism of schistosomicidal action

Resistance, Drug
Merkli B; Richle RW
1980 Acta Trop 37 (3) Sept 228-231 Wa
Plasmodium berghei, mice, resistance to single and combined antimalarials

Resistance, Drug
Merkli B; Richle R; Peters W
1980 Ann Trop Med and Parasitol 74 (1) Feb 1-9 Wa
Plasmodium berghei, mice, exposure to drug selection pressure using chloroquine, mefloquine, sulphadoxine + pyrimethamine (S-P), and mixture of mefloquine + S-P, development of resistance (with particular emphasis on inhibitory effect of S-P combination on development of mefloquine resistance), additive effect of compounds, cross-resistance patterns, stability of resistance

Resistance, Drug
Migasena S; Bunnag D; Harinasuta T
1980 Ann Trop Med and Parasitol 74 (2) Apr 243-244 Wa
Plasmodium falciparum, woman, apparent resistance to quinine, responsive to fansidar: Thailand

Resistance, Drug
Miller JE; Baker NF
1980 Am J Vet Research 41 (10) Oct 1674-1676 Wa
Haemonchus contortus, Ostertagia spp., lambs (exper.), thiabendazole resistance

Resistance, Drug
Mueller M et al
1980 Am J Obst and Gynec 138 (7 pt 1) Dec 808-812 Wa
Trichomonas vaginalis, metronidazole-resistant strains isolated from 3 women with refractory infections: United States

Resistance, Drug
Nguyen-Dinh P; Trager W
1980 Am J Trop Med and Hyg 29 (3) May 339-342 Wa
Plasmodium falciparum, in vitro determination of chloroquine sensitivity of 3 new strains by modified 48-hour test

Resistance, Drug
Patarroyo JH; Costa JO
1980 Trop Animal Health and Prod 12 (1) Feb 6-10 Wa
Boophilus microplus resistance to 4 commonly used organophosphorus acaricides: southern region of Minas Gerais, Brazil

Resistance, Drug
Pattanayak S et al
1979 Indian J Med Research 70 Suppl Dec 14-19 Wa
P[lasmodium] falciparum, in vitro and in vivo tests show that chloroquine (alone or combined with primaquine or pyrimethamine) resistance persists in Diphu area of Karbi-Anglong district, Assam State, India

Resistance, Drug
Pattanayak S; Roy RG; Sen N
1979 Indian J Med Research 70 Suppl Dec 48-51 Wa
Plasmodium falciparum, field tests for chloroquine resistance (with and without associated pyrimethamine), responses varied in West Bengal, Tripura, Mizoram, Manipur and Arunachal Pradesh, India

Resistance, Drug
Pedro RJ et al
1980 Rev Inst Med Trop S Paulo 22 (1) Suppl 4 Jan-Feb English text 32-36 Portuguese text 148-152 Wm
Schistosoma mansoni, humans, observations on therapy with oxamniquine and hycanthone, some reports of toxicity and strain resistance; oxamniquine for concurrent Salmonella and schistosomiasis infections

Resistance, Drug
Pettersson T; Kyronseppa H; Pitkanen T
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 112-113 Wa
Plasmodium falciparum, human, chloroquine-resistant infections, 2 case reports: Tanzania; Kenya

Resistance, Drug
Pfaller MA; Krogstad DJ
1981 J Infect Dis 144 (4) Oct 372-375 Wa
Plasmodium falciparum, chloroquine-resistant and chloroquine-sensitive strains, ketoconazole, miconazole, amphotericin B, in vitro efficacy suggests that these drugs may be effective against multidrug-resistant P. falciparum in vivo, may also provide valuable probe to study lipid metabolism of parasite

Resistance, Drug
Pfefferkorn LC; Pfefferkorn ER
1980 Exper Parasitol 50 (3) Dec 305-316 Wa
Toxoplasma gondii, genetic recombination between drug resistant mutants

Resistance, Drug
Ponnampalam JT
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 372-377 Wa
Plasmodium falciparum, aborigine children with chloroquine-resistant malaria, treatment with doxycycline: West Malaysia

Resistance, Drug
Ponnudurai T; Leeuwenberg ADEM; Meuwissen JHET
1981 Trop and Geogr Med 33 (1) Mar 50-54 Wa
Plasmodium falciparum adapted to in vitro culture, using differences in chloroquine sensitivity of isolates as a strain marker was not successful

Resistance, Drug
Pribadi W et al
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 69-73 Wa
Plasmodium falciparum, humans, 4 cases resistant to chloroquine: South Sumatra, Indonesia

Resistance, Drug
Prichard RK; et al
1980 Austral Vet J 56 (5) May 239-250 Wa
anthelmintic resistance in nematodes, review

Resistance, Drug
Puri SK et al
1979 Indian J Med Research 70 Suppl Dec 85-90 Wa
Plasmodium berghei, development of chloroquine resistant strain for screening potential antimalarial compounds

Resistance, Drug
Puri SK; Dutta GP
1979 Indian J Med Research 70 Suppl Dec 79-84 Wa
Plasmodium berghei, development of primaquine resistant strain for screening potential antimalarial compounds

Resistance, Drug
Puri SK; Dutta GP
1981 Indian J Med Research 73 Suppl Jan 29-35 Wa
Plasmodium berghei, blood schizontocidal activity of antibiotics against sensitive (normal) and 3 drug resistant strains (against chloroquine, pyrimethamine, primaquine) evaluated in Swiss mice

Resistance, Drug
Raether W; Fink E
1979 Ann Trop Med and Parasitol 73 (6) Dec 505-526 Wa
Plasmodium spp., drug-sensitive and -resistant lines, floxacrine, blood schizontocidal action, prophylactic action, dose-activity relationships, development of resistance, structural changes of parasites, influence of PABA and folic acid, toxicity, comparison with standard antimalarials; also tested against Eimeria spp., Toxoplasma gondii, Babesia rodhaini, Fasciola hepatica, and Heterakis spumosa

Resistance, Drug
Rahman KMM
1980 J Trop Med and Hyg 83 (6) Dec 259-264 Wa
Plasmodium falciparum, preliminary results of on-going study show high prevalence of parasite resistance to chloroquine in Sabah, Malaysia

Resistance, Drug
Reacher M et al
1981 Lancet London (8255) 2 Nov 14 1066-1068 Wa
Plasmodium falciparum, humans with fansidar resistant infections, study of alternate regimens, tetracycline in combination with quinine gave best results: refugee camp, eastern Thailand

Resistance, Drug
Rieckmann KH
1980 Trop Dis Research Ser (3) 35-50 Wm
Plasmodium falciparum, use of cultured parasites to assess drug resistance/susceptibility and screen antimalarial drugs, workshop presentation

Resistance, Drug
Rivett AG
1980 Brit Med J (6234) 281 July 19 193-194 Wa
malaria assumed to be Plasmodium falciparum, woman, case report, possible chloroquine resistant strain emerging in Nigeria

Resistance, Drug
Rocha RAA et al
1980 J Trop Med and Hyg 83 (4) Aug 131-139 Wa
mucocutaneous leishmaniasis, 5 patients with unusual clinical features, initial resistance to glucantime therapy: area of Tres Bracos, Bahia, Brazil

Resistance, Drug
Rupes V; Tondl F
1969 Folia Parasitol 16 (3) 237-244 Issued Sept Wa
Dermanyssus gallinae, protonymphs and females, susceptibility to 9 insecticides, LC50 values, period of latency of insecticides, mortality after permanent exposure to given concentrations

Resistance, Drug
Ryley JF
1980 Advances Vet Sc and Comp Med 24 99-120 Wa
coccidia, drug resistance, review

Resistance, Drug
Sangster NC et al
1980 Research Vet Sc 29 (1) July 26-30 Wa
Trichostrongylus colubriformis and Ostertagia spp. resistant to levamisole, morantel tartrate and thiabendazole, infectivity, pathogenicity, host susceptibility and drug efficacy in two experimentally infected sheep breeds

Resistance, Drug
Smith RF; Di Domenico A
1980 Sex Transmit Dis 7 (3) July-Sept 120-124 Wm
Trichomonas vaginalis, disk broth method is a simple and reliable screening method for detection of metronidazole-resistant strains

Resistance, Drug
Sucharit P; Eamsobhana P
1980 Ann Trop Med and Parasitol 74 (1) Feb 11-15 Wa
Plasmodium falciparum, strains from Thailand, in vitro response to chloroquine, amodiaquine, and quinine

Resistance, Drug
Sustriayu N et al
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 108-112 Wa
flea spp. from Boyolali plague zone, susceptibility tests with 4 insecticides (DDT, malathion, fenitrothion, dieldrin): Central Java, Indonesia

Resistance, Drug
Thaithong S; Beale GH
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 271-273 Wa
Plasmodium falciparum, in vitro drug resistance tests of 10 Thai isolates to chloroquine and pyrimethamine

Resistance, Drug
Trager W; Polonsky J
1981 Am J Trop Med and Hyg 30 (3) May 531-537 Wa
Plasmodium falciparum, chloroquine-resistant lines, antimalarial activity of certain quassinoids in vitro

Resistance, Drug
Tulloch A
1980 Papua N Guinea Med J 23 (3) Sept 117-125 Wm
Plasmodium falciparum, children, chloroquine and amodiaquine resistant infection, maloprim recommended for therapy: East New Britain, Papua New Guinea

Resistance, Drug
Webb RF et al
1979 Austral Vet J 55 (9) Sept 422-426 Wa
Haemonchus contortus, sheep, thiabendazole resistance in field populations, 40 farms surveyed: New South Wales

Resistance, Drug
Webster JH et al
1981 Austral Vet J 57 (4) Apr 172-181 Wa
benzimidazole-resistant equine strongyles, susceptibility to non-benzimidazole compounds, evidence of side resistance

Resistance, Drug
Wernsdorfer WH
1980 Acta Trop 37 (3) Sept 222-227 Wa
Plasmodium falciparum, field evaluation of drug resistance, in vitro micro-test

Resistance, Drug
Wernsdorfer WH; Kouznetsov RL
1980 Bull World Health Organ 58 (3) 341-352 Wa
Plasmodium falciparum, drug resistance (biology and genetics, distribution and spread, epidemiology, control, monitoring of drug sensitivity), review

Resistance, Drug
Wery M; Coosemans M
1980 Ann Soc Belge Med Trop 60 (2) June 137-162 Wa
Plasmodium falciparum, human, drug resistance, review

Resistance, Drug
Wharton RH; Norris KR
1980 Vet Parasitol 6 (1-3) Jan 135-164 Wa
control of parasitic arthropods, review

Resistance, Drug
Whitlock HV et al
1980 Vet Parasitol 7 (3) Nov 215-232 Wa
simplified in vitro field screening methods for detection and assay of benzimidazole-resistance in sheep trichostrongylids and horse strongyles, field method for selecting test animals with low egg-counts, method for counting low levels of nematode eggs in faeces, method for recovery of eggs from faeces, method for culture of eggs or 1st-stage larvae to 3rd stage for identification

Resistance, Drug
Whitlock HV et al
1980 Research Vet Sc 29 (1) July 31-35 Wa
Trichostrongylus colubriformis and Ostertagia spp. resistant to levamisole, morantel tartrate and thiabendazole, pure strains isolated, detailed dose responses, sheep (exper.)

Resistance, Drug
Whitten MJ; Dearn JM; McKenzie JA
1980 Austral J Biol Sc 33 (6) Dec 725-735 Wa
Lucilia cuprina, selection for dieldrin resistance can occur as result of eggs and developing larvae coming into contact with insecticide residues in myiases on treated sheep

Resistance, Drug
Yawetz A; Agosin M
1980 Comp Biochem and Physiol 66C (2) 265-267 W[illegible]
Trypanosoma cruzi epimastigotes can detoxify some drugs through formation of glutathione conjugates in vitro and in vivo

Resistance, Host [See also Immunity]

Resistance, Host
Akinkugbe FM
1980 Ann Trop Med and Parasitol 74 (6) Dec 625-633 Wa
anemia in children, prevalence, causal factors including malaria, effect of hemoglobin genotype and glucose-6-phosphate dehydrogenase deficiency: Ilora, Nigeria

Resistance, Host
Albers GAA
1981 Mededel Landbouwhogeschool Wageningen 81 (1) 118 pp Wa
Cooperia oncophora, calves (exper.), genetic resistance to infection

Resistance, Host
Albright JW; Albright JF
1981 Infect and Immun 33 (2) Aug 355-363 Wa
Trypanosoma lewisi, basis of host specificity investigated in various mouse strains and in vitro, some parallel experiments with T. musculi, results suggest that principal mechanism responsible for murine resistance to heterologous trypanosomes is type of antibody-dependent granulocyte-mediated immunity involving naturally occurring antibody and probably platelets

Resistance, Host
Albright JW; Albright JF
1981 Infect and Immun 33 (2) Aug 364-371 Wa
Trypanosoma musculi, various strains of inbred mice, differences in resistance to infection, analysis of possible mechanisms, concluded that variations in immune responsiveness to parasite antigens (probably not associated with H-2 complex and possibly in concert with variations in a non-immunological mechanism) are responsible

Resistance, Host
Alcantara A; Brener Z
1978 Acta Trop 35 (3) Sept 209-219 Wa
Trypanosoma cruzi, Y vs. CL strain, uptake by and further development in mouse peritoneal macrophages, effect of opsonization

Resistance, Host
Alexander J
1981 Exper Parasitol 52 (2) Oct 261-270 Wa
Leishmania mexicana mexicana, growth of amastigotes and promastigotes in untreated macrophages, in macrophages treated with poly-D-glutamic acid (which inhibits phagosome-lysosome fusion), and in macrophages treated with chloroquine (which stimulates phagosome-lysosome fusion)

Resistance, Host
Al-Mashhadani HM; Davidson G; Curtis CF
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 585-594 Wa
Plasmodium berghei berghei, genetics of susceptibility and refractoriness of Anopheles gambiae to infection

Resistance, Host
Ambu S; Kwa BH
1980 J Helminth 54 (1) Mar 43-44 Wa
Taenia taeniaeformis, susceptibility of 3 different strains of rat of different ages and both sexes

Resistance, Host
Anosa VO; Obi TU
1980 Zentralbl Vet Med Reihe B 27 (9-10) 773-788 Wa
haematology and incidence of blood protozoans and helminths in 4 breeds of cattle under nutritional stress, role of host age, breed, and haemoglobin type

Resistance, Host
Attia MES; Fathy IM; Attia AMN
1979 Vet Med J Giza 26 (26) 1978 65-74 Issued Aug 8 Wa
Eimeria tenella, chickens, increased host resistance with vitamin C dietary supplement

Resistance, Host
Bayne CJ; Buckley PM; DeWan PC
1980 Exper Parasitol 50 (3) Dec 409-416 Wa
Schistosoma mansoni, plasma of resistant Biomphalaria glabrata in conjunction with hemocytes of susceptible snails leads to disruption of sporocyst ultrastructure in vitro

Resistance, Host
Bayne CJ; Buckley PM; DeWan PC
1980 J Parasitol 66 (3) June 413-419 Wa
Schistosoma mansoni, macrophagelike hemocytes of resistant Biomphalaria glabrata are cytotoxic for sporocysts in vitro

Resistance, Host
Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (4) July 815-824 Wa
Schistosoma mansoni in resistant CDF rat and more susceptible BALB/c mouse, primary and challenge exposures, ultrastructural analysis of cellular response, inflammatory responses in skin

Resistance, Host
Bernard S; Haase M; Guidot G
1980 Berl u Munchen Tierarztl Wchnschr 93 (24) Dec 15 482-485 Wa
trypanosomiasis, trypanotolerant and trypanosensitive cattle breeds, antibody survey using enzyme linked immunosorbent assay and indirect immunofluorescence, high percentage of serologically positive cattle does not correlate with results obtained by direct isolation of trypanosomes; ability of trypanotolerant breeds to limit number of parasites in blood stream cannot be correlated with the concentration of antibodies and must involve another unknown immune mechanism: Upper Volta

Resistance, Host
Bernstein SC et al
1980 Human Hered 30 (4) 251-258 Wm
Plasmodium falciparum, human, malaria appears to be selective pressure keeping hemoglobin S frequencies high but may not be major selective force maintaining glucose-6-phosphate dehydrogenase polymorphism: Cameroon

Resistance, Host
Bhai I; Pandey AK
1981 Internat J Parasitol 11 (5) Oct 377-379 Wa
Ancylostoma caninum, thyroxine treatment significantly increased susceptibility of female (but not male) mice to infection, more hyperthyroid females died following infection than control females

Resistance, Host
Bhattacharyya PK et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 615-616 Wa
Plasmodium vivax and P. falciparum endemic area, first report of sickle cell trait in Santhals (a tribal community): Ajodhya hills, Purulia district, West Bengal, India

Resistance, Host
Bickle Q et al
1980 Exper Parasitol 50 (2) Oct 222-232 Wa
Schistosoma mansoni, mice, influence of host's sex, age, and strain on resistance to reinfection

Resistance, Host
Bienzle U; Guggenmoos-Holzmann I
1979 Immun u Infekt 7 (6) Dec 196-201 Wm
malaria, significance of hereditary red cell traits HbS and G6PD-deficiency in innate resistance

Resistance, Host
Blackwell J; Freeman J; Bradley D
1980 Nature London (5742) 283 Jan 3 72-74 Wm
Leishmania donovani, mice, influence of H-2 complex on acquired resistance

Resistance, Host
Bloom BR; Tanowitz H; Wittner M
1979 Immune Mech and Dis 69-100 Wm; Wa
mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigenic variation; antigenic mimicry and concomitant immunity; learning to live in your macrophages; jamming the immune response; subversion of the immune system)

Resistance, Host
Bradley DJ
1979 Acta Trop 36 (2) June 171-179 Wa
Leishmania donovani in susceptible and resistant mouse strains, parasite and host cell kinetics studied by radioisotope labelling

Resistance, Host
Brindley PJ; Dobson C
1981 Parasitology 83 (1) Aug 51-65 Wa
Nematospiroides dubius, genetic control of liability to infection in Mus musculus, selection of refractory and liable host populations, females less liable than males

Resistance, Host
Brown SJ; Knapp FW
1981 Parasitology 83 (1) Aug 213-223 Wa
Amblyomma americanum on guinea pigs, effect of acquired host resistance on tick feeding, color, and survival ability, histological responses of resistant hosts to tick feeding

Resistance, Host
Buchmueller Y; Mauel J
1981 J Reticuloendothelial Soc 29 (3) Mar 181-192 Wa
Leishmania enriettii, possible involvement of oxygen metabolites in killing of parasites by activated mouse macrophages

Resistance, Host
Burden DJ et al
1981 Parasitology 83 (2) Oct 249-252 Wa
Fasciola hepatica, rats, technique for study of gut penetration by juvenile flukes, involves ligation of small sections of small intestine and introduction of artificially excysted flukes into these gut loops, more flukes reached body cavity in naive rats than in resistant rats

Resistance, Host
Bushara HO et al
1980 Am J Trop Med and Hyg 29 (3) May 442-451 Wa
Schistosoma bovis, cattle, experimental demonstration of naturally acquired resistance, gross clinical observations, body weights, hematology, pathophysiology, parasitology, histopathology: Kosti, Sudan

Resistance, Host
Callinan APL
1980 Austral Vet J 56 (10) Oct 484-486 Wa
Linognathus vituli, calves with artificially induced infestations, effects of host nutrition and self-grooming on development and pathogenicity

Resistance, Host
Camus E; Belot J; Mishra GS
1979 Rev Elevage et Med Vet Pays Trop n s 32 (3) 241-245 Wa
trypanosomiasis, cattle, trypanotolerance of principal breeds: Boundiali, Cote-d'Ivoire

Resistance, Host
Caristan A et al
1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (3) Jan 21 243-246 Wa
Trypanosoma musculi, liberation of hydrogen peroxide by peritoneal macrophages from infected mice, correlation with course of parasitemia, possible role in defense against parasite

Resistance, Host
Carnevale P et al
1981 Ann Genet 24 (2) 100-104 Wa
Plasmodium falciparum, human, relationship between sickle cell trait and malaria, data for this region fail to confirm hypothesis that AS genotype protects carrier against infection: Djoumouna (region de Brazzaville), Republique Populaire du Congo

Resistance, Host
Carvalho OS; de Souza CP; de Figueiredo PZ
1980 Rev Saude Pub S Paulo 14 (2) June 224-229 Wm
Schistosoma mansoni, Brazilian strains SJ and LE, susceptibility studies in snail vectors Biomphalaria straminea and B. glabrata, B. straminea showed resistance to LE strain

Resistance, Host
Carvalho RMG et al
1981 Infect and Immun 33 (2) Aug 546-554 Wa
Trypanosoma cruzi, spheromastigotes (amastigotes), method for isolation, interaction with mouse macrophages in vitro

Resistance, Host
Castro GA; Malone C; Smith S
1980 J Parasitol 66 (3) June 407-412 Wa
Trichinella spiralis, rats, systemic anti-inflammatory effect associated with enteric trichinellosis

Resistance, Host
Cawthorn RJ
1980 Canad J Zool 58 (1) Jan 109-113 Wa
Diplotriaena tricuspis, cellular reaction in Melanoplus sanguinipes and Schistocerca gregaria

Resistance, Host
Chang KP
1981 Am J Trop Med and Hyg 30 (2) Mar 322-333 Wa
Leishmania donovani, leishmanicidal mechanisms of human polymorphonuclear phagocytes

Resistance, Host
Charmot G
1980 Med Trop 40 (6) Nov-Dec 657-665 Wm
P[lasmodium] falciparum, humans, congenital and genetic factors of resistance to infection in tropical areas, general review: Africa

Resistance, Host
Chernin J
1981 J Helminth 55 (3) Sept 209-222 Wa
Taenia crassiceps in males and females of several different strains of rats, host growth curves, volume, antigenicity, and size of metacestodes

Resistance, Host
Chiu JK et al
1981 Internat J Parasitol 11 (5) Oct 391-397 Wa
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Resistance, Host
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1979 Bull World Health Organ 57 suppl 1 231-238 Wa
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Resistance, Host
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1979 Proc Helminth Soc Washington 46 (2) July 277-278 Issued Aug 14 Wa
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1978 Ann Soc Belge Med Trop 58 (2) June 89-93 Wa
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Resistance, Host
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Haemonchus contortus, sheep of different hemoglobin types (exper.), phenothiazine treatment shortly after patency, faecal egg output, haematological indices, and worm burden (of arrested larvae and adults) at intervals after infection; removal of adult worms by treatment did not stimulate resumption of development of arrested larvae, hemoglobin type may be factor in arrest of larvae as it is in resistance to adult worms

Resistance, Host
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1981 J Comp Path 91 (1) Jan 97-103 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African), mixed vs. single infections, red cell destruction rate, erythropoietic response of femoral bone marrow

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Toxoplasma gondii, comparative susceptibility of Mastomys natalensis and Swiss albino mice to experimental infection

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1981 Austral J Biol Sc 34 (1) 37-46 Wa
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1978 Poultry Science 57 (6) Nov 1728-1732 Wa
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1981 J Invert Path 37 (2) Mar 123-128 Wa
Aspidogaster conchicola in unionid mussels, worm burdens and prevalence of encapsulation, capsule structure and contents

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1980 Tropenmed u Parasitol 31 (4) Dec 507-511 Wa
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Jeong KH et al
1981 J Invert Path 38 (2) Sept 256-263 Wa
Biomphalaria spp., distribution and variation of hemagglutinating activity in hemolymph, no correlation between hemagglutinin titer and innate resistance of B. glabrata strains to Schistosoma mansoni, increase in hemagglutinin titer in B. glabrata infected with Echinostoma lindoense or sensitized and reexposed to this parasite

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Fasciola hepatica in Lymnaea truncatula (exper.), age when most susceptible to infection, effect of host age on emission of cercariae

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1980 Am J Trop Med and Hyg 29 (1) Jan 5-7 Wa
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Fasciola hepatica, response of lambs to challenge infections after repeated inoculations with cysts, no indication of resistance other than significantly small worms in repeatedly infected lambs

Resistance, Host
Knopf PM; Soliman M
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Trypanosoma gambiense, syringe passage from albino-mouse to mice, rats, gerbil, and hamster, comparison study, exper. transmission, survival rate, host resistance, hamster probably most satisfactory and economical laboratory host

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Le Jambre LF
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nematodes, sheep, determination of genetic variation in resistance to worms within and between breeds, implications for selective breeding programs for helminth control, review: Australia

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1980 Am J Trop Med and Hyg 29 (6) Nov 1286-1300 Wa
Schistosoma mansoni, primary and secondary infections in 4 mammalian laboratory hosts of variable natural susceptibility, leukocytic reactions to schistosomula in lungs, correlation with adult worm recoveries

Resistance, Host
Lie KJ; Jeong KH; Heyneman D
1980 Ann Trop Med and Parasitol 74 (2) Apr 157-166 Wa
Schistosoma mansoni, sporocysts in Biomphalaria glabrata with strong natural resistance are encapsulated by granulocytes and killed by strong phagocytic activity, irradiated Echinostoma paraensei sporocysts suppress function of granulocytes; tissue responses associated with destruction of secondary sporocysts in snails with self-cure indicate partial suppression of granulocyte function

Resistance, Host
Lie KJ; Mak JW; Cheong WH
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Luffau G; Pery P; Petit A
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Macario AJL; Stahl W; Miller R
1980 Cellular Immunol 56 (1) Nov 235-239 Wm
Toxoplasma gondii, cyclic immunosuppression (to bacterial antigen) in genetic-low-responder mice but not in high-responder strain, no direct correlation between unresponsiveness and gradual lymphoid cell depletion that accompanies chronic toxoplasmosis

Resistance, Host
McClelland G
1980 Exper Parasitol 49 (3) June 405-419 Wa
Phocanema decipiens in Phoca vitulina and Halichoerus grypus (nat. and exper.), pathology, resistance to reinfection: Nova Scotia

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1981 Clin and Exper Immunol 46 (2) Nov 391-396 Wa
Trichomonas vaginalis, cytotoxicity of human peripheral blood monocytes against this parasite

Resistance, Host
Masake RA
1980 Vet Rec 107 (24) Dec 13 551-557 Wa
Trypanosoma vivax, goats, cattle (both exper.), sequential structural changes in lymphoid system and tissue damage in other organs; goats more susceptible than cattle as indicated by higher parasitemias, more severe anemia, and death

Resistance, Host
Mascaro-Lazcano MC; Guevara-Pozo D
1977 Rev Iber Parasitol 37 (1-2) Jan-June 99-107 Wa
Trichinella spiralis-infected mice, males more susceptible to infections, castration decreased susceptibility in both males and females

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Mathews HM; Armstrong JC
1981 Am J Trop Med and Hyg 30 (2) Mar 299-303 Wa
Plasmodium vivax, prevalence in representatives of 2 ethnic groups, results support hypothesis relating Duffy-negative blood type with refractoriness to vivax malaria; relative prevalence of 3 other Plasmodium spp.: Ethiopia

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Trypanosoma cruzi, susceptibility of different evolutive stages of Triatoma sordida and Rhodnius neglectus to experimental infection

Resistance, Host
Meuleman, EA; Holzmann PJ; Peet RC
1980 Ztschr Parasitenk 61 (3) 201-212 Wa
Schistosoma mansoni in Biomphalaria pfeifferi (exper.), ultrastructure of body wall of mother sporocysts and developing daughter sporocysts; amoebocyte reaction to mother sporocysts not considered as cellular defense reaction but most likely a protection against harmful products excreted by parasite

Resistance, Host
Meyers TR; Millemann RE; Fustish CA
1980 J Parasitol 66 (2) Apr 274-281 Wa
Margaritifera margaritifera-infected Oncorhynchus kisutch vs. O. tshawytscha, hematology, infection intensities, parasite growth, histopathology, in vitro tests (attachment to excised gills; survival in fish mucus and plasma), serology

Resistance, Host
Minter-Goedbloed E; Croon JJAB
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 350-353 Wa
Trypanosoma cruzi, insusceptibility of chickens, mainly due to humoral factors but high body temperature may also play some part

Resistance, Host
Misra A; Katiyar JC; Sen AB
1980 Indian J Exper Biol 18 (8) Aug 906-909 Wa
Nippostrongylus brasiliensis, rats, factors modifying therapeutic efficacy of thiabendazole (worm burden, host resistance, age of parasite, and starvation altered efficacy; host age and weight and concurrent infection with Hymenolepis nana did not)

Resistance, Host
Mitchell GF et al
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 539-554 Wa
Leishmania tropica, resistance and abrogation of resistance to cutaneous leishmaniais in reconstituted BALB/c nude mice

Resistance, Host
Mitchell GF et al
1981 Internat J Parasitol 11 (4) Aug 267-276 Wa
Schistosoma japonicum, susceptibility of mice of various strains, infection characteristics, radioisotopic lung assay for granuloma formation, anti-egg circumoval precipitin responses

Resistance, Host
Mitchell GF; Curtis JM; Handman E
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 555-565 Wa
Leishmania tropica, various means of increasing resistance to cutaneous leishmaniasis attempted in genetically susceptible BALB/c mice, aspects of mouse strain variation in susceptibility examined

Resistance, Host
Mitchell GF; Rajasekariah GR; Rickard MD
1980 Immunology 39 (4) Apr 481-489 Wa
Taenia taeniaeformis, proposed mechanism of immunologically-mediated genetically-based mouse strain variation in resistance; evidence that both IgG1 and IgG2 fractions of 'immune serum' are required for full expression of passive protection of nude mice

Resistance, Host
Murphy JR
1981 Infect and Immun 33 (1) July 199-211 Wa
Plasmodium berghei, nonspecific resistance in some strain B6D2 (but not strain A or ICR) mice generated in response to Mycobacterium bovis infection or Corynebacterium parvum stimulation, protected mice have capacity to produce humoral factor with anti-P. berghei activity

Resistance, Host
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1981 J Exper Med 153 (5) May 1 1302-1315 Wm
Leishmania donovani, L. tropica, susceptibility of promastigotes to oxygen intermediates and killing by normal macrophages

Resistance, Host
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Leishmania tropica, L. donovani, interaction with macrophage cell line, correlation between intracellular killing and generation of oxygen intermediates

Resistance, Host
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Entamoeba histolytica, susceptibility to killing by reactive oxygen products generated in cell-free systems, potential role for oxygen intermediates released by phagocytic leukocytes in host defense mechanism

Resistance, Host
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Toxoplasma gondii, macrophage oxygen-dependent antimicrobial activity, enhanced oxidative metabolism as expression of macrophage activation

Resistance, Host
Murray HW; Nathan CF; Cohn ZA
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Toxoplasma gondii, macrophage oxygen-dependent antimicrobial activity, role of endogenous scavengers of oxygen intermediates

Resistance, Host
Nagel RL et al
1981 J Clin Invest 68 (1) July 303-305 Wa
Plasmodium falciparum, impairment of growth in HbEE erythrocytes, might be advantageous to carrier in regions with endemic malaria

Resistance, Host
Neilson JTM; Crandall CA; Crandall RB
1981 Acta Trop 38 (3) Sept 309-318 Wa
Dipetalonema vitese-infected hamsters (3 strains differing in susceptibility), serum immunoglobulin and antibody levels, passive transfer of resistance with serum or cells

Resistance, Host
Nelson WA; Kozub GC
1980 J Med Entom 17 (4) July 31 291-297 Wa
Melophagus ovinus, sheep (exper.), evidence that acquired host resistance is locally mediated and lost with subsequent non-exposure, suggestion of an immune component, histopathological studies show inflammatory reaction with eosinophils in high numbers

Resistance, Host
Niederkorn JY; Shadduck JA; Schmidt EC
1981 J Infect Dis 144 (3) Sept 249-253 Wa
Encephalitozoon cuniculi, selected inbred strains of mice showed marked differences in susceptibility and resistance to infection, immune system plays major role in determining course of infection as does genetics, infection can modulate host's immune system

Resistance, Host
Nogueira N et al
1981 Exper Parasitol 51 (3) June 325-334 Wa
Trypanosoma cruzi, relative resistance of several inbred mouse strains to Y and CL parasite strains, acquired immunity following sublethal infection, passive transfer of resistance by spleen cells generating macrophage activating factor(s), role of T-cell-enriched immune cells in passive transfer of resistance in vivo and lymphokine production in vitro, relative ability of spleen cells from different strains of mice to generate macrophage activating factor(s) during infection, histological appearance of organs from infected mice

Resistance, Host
Nordin GL
1981 J Invert Path 37 (1) Jan 110-112 Wa
Vairimorpha necatrix in Heliothis virescens (exper.), use of dietary methoprene increases period of host susceptibility to microsporidiosis and spore yields

Resistance, Host
Nuessen ME; Jeska EL
1981 J Infect Dis 143 (1) Jan 71-75 Wa
Ascaris suum juveniles, carbohydrate-like substances on parasite surfaces plus presence of magnesium cations involved in attachment of phagocytic cells to parasites, probably early nonspecific mechanism of host resistance not dependent on presence of antibody or complement

Resistance, Host
O'Brien AD; Rosenstreich DL; Taylor BA
1980 Nature London (5781) 287 Oct 2 440-442 Wa
mice, control of natural resistance to Salmonella typhimurium and Leishmania donovani by closely linked but distinct genetic loci

Resistance, Host
O'Kelly JC
1980 Vet Parasitol 6 (4) Mar 381-390 Wa
effects of natural parasitic infestations (treated and untreated) on body growth and blood composition of 3 breeds of cattle grazing in a tropical environment: Belmont, Australia

Resistance, Host
Olds GR et al
1980 J Exper Med 151 (6) June 1 1557-1562 Wa
Schistosoma mansoni, role of arginase as mediator of increased schistosomula killing by activated macrophages

Resistance, Host
Olds GR; et al
1981 J Immunol 127 (4) Oct 1538-1542 Wm
Schistosoma mansoni, influence of schistosomiasis and tuberculosis on capacity of human monocytes to kill schistosomula

Resistance, Host
Olds GR; Stewart SJ; Ellner JJ
1981 J Immunol 126 (5) May 1667-1670 Wm
Schistosoma mansoni, mice, amphotericin B enhances host resistance and activates macrophages

Resistance, Host
Olobo JO et al
1980 Austral J Exper Biol and Med Sc 58 (6) Dec 595-601 Wa
Leishmania tropica in mice of susceptible and resistant genotypes, course of infection, antibody responses, immunoglobulin isotype analysis of sera

Resistance, Host
Orjih AU et al
1981 Science (4521) 214 Nov 6 667-669 Wa
Plasmodium berghei, parasites isolated from mouse erythrocytes are lysed by hemin or by chloroquine-hemin complex, effect of hemin may explain protection against malaria provided by thalassemia and other conditions causing intracellular denaturation of hemoglobin, toxicity of chloroquine-hemin complex may explain selective antimalarial action of chloroquine

Resistance, Host
Otim C; Wilson AJ; Campbell RSF
1980 Austral Vet J 56 (6) June 262-266 Wa
Anaplasma marginale in Bos indicus and B. taurus (exper.), comparative study of host response to infection, observed differences were not significant

Resistance, Host
Ottesen EA et al
1981 Acta Trop 38 (3) Sept 205-216 Wa
Wuchereria bancrofti, familial predisposition to infection, not linked to HLA-A or -B locus specificities: Mauke, Cook Islands group

Resistance, Host
Pasvol G
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 701-705 Wa
Plasmodium falciparum, mechanism whereby heterozygous carriers of sickle cell gene are protected against fatal malarial infections, symposium presentation

Resistance, Host
Pasvol G; Weatherall DJ; Wilson RJM
1980 Brit J Haematol 45 (2) June 285-295 Wa
Plasmodium falciparum, evidence that young red cells show increased susceptibility to invasion; theoretical, clinical, and practical implications

Resistance, Host
Pearson RD; Steigbigel RT
1980 J Immunol 125 (5) Nov 2195-2201 Wm
Leishmania donovani, lethal effect of nonimmune human serum occurred by activation of complement membrane attack complex predominantly through classical pathway with binding of both IgG and IgM to promastigotes

Resistance, Host
Pearson RD; Steigbigel RT
1981 J Immunol 127 (4) Oct 1438-1443 Wm
Leishmania donovani, phagocytosis and killing of promastigotes by human polymorphonuclear leukocytes by H_2O_2-peroxidase-halide system

Resistance, Host
Pecora IL et al
1980 Experientia 36 (8) Aug 15 942-944 Wa
Trypanosoma cruzi, frequency distribution inside macrophages from normal or chronically infected resistant and susceptible strains of mice obeys negative binomial type of distribution, implies that 'aggregrating mechanism' operates in T. cruzi:macrophage interaction

Resistance, Host
Pecora IL; Barcinski MA
1979 Rev Brasil Biol 39 (2) May 445-450 Wa
Trypanosoma cruzi, role of macrophages in resistant and susceptible strains of mice

Resistance, Host
Persellin RH; Thorne KJI
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 436-438 Wa
Trypanosoma dionisii, inhibition of phagocytosis of trypanosomes by normal polymorphonuclear leucocytes in presence of pregnancy-associated alpha-2-glycoprotein, could account for suggested increase in frequency and severity of protozoal infectons during gestation

Resistance, Host
Prowse SJ; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (6) Dec 603-605 Wa
Nematospiroides dubius in SJL/J (resistant) and C57BL/6 (susceptible) mice and their F_1 hybrids, development of resistance to infection, strain and sex differences

Resistance, Host
Przyjalkowski Z; Cabaj W; Kontny E
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (2) 109-115 Wa
Trichinella spiralis, germfree and conventional mice treated with immunosuppressive cyclophosphamide, course of intestinal infection, low dose immunosuppressive, high dose killed parasites

Resistance, Host
Przyjalkowski Z; Golinska Z; Bany J
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 71-74 Wa
Trichinella spiralis, lysozyme activity in course of experimental infection in germfree and conventional mice treated with cyclophosphamide

Resistance, Host
Rajasekariah GR; Howell MJ
1980 Research Vet Sc 29 (1) July 124-125 Wa
Fasciola hepatica, rats, assay of glutamate dehydrogenase as measure of liver damage and hence of resistance to challenge infection

Resistance, Host
Rajasekariah GR; Howell MJ
1981 Internat J Parasitol 11 (1) Feb 59-65 Wa
Fasciola hepatica in susceptible (5-week-old) vs. age-resistant (25-week-old) rats, worm recovery, histopathology, haematological changes, precipitating antibody titres

Resistance, Host
Rickman LR
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 122-123 Wm
Trypanosoma b. brucei, T. b. rhodesiense, effects of serum samples from some African game animals in blood incubation infectivity test, implications for role of wild fauna as reservoirs of trypanosomes pathogenic to man and to his domestic animals

Resistance, Host
Rondelaud D; Barthe D
1981 Ztschr Parasitenk 65 (3) 331-341 Wa
Fasciola hepatica-infected vs. non-infected Lymnaea truncatula, localization and characteristics of amoebocyte-producing organ, effects of breeding temperature, drying of habitat sediment, and snail body volume on organ development

Resistance, Host
Rzepczyk CM; Clark IA
1981 Infect and Immun 33 (2) Aug 343-347 Wa
Plasmodium vinckei petteri from mice in which endotoxicity was induced showed reduced in vitro incorporation of hypoxanthine, results implied that injection of lipopolysaccharide induced release of mediators with cytostatic effect on parasite

Resistance, Host
Salmon C
1979 Rev Epidemiol et San Pub 27 (5-6) 389-397 Wm
Plasmodium spp., humans, relationships between Duffy blood group antigens and malaria

Resistance, Host
Sangster NC et al
1980 Research Vet Sc 29 (1) July 26-30 Wa
Trichostrongylus colubriformis and Ostertagia spp. resistant to levamisole, morantel tartrate and thiabendazole, infectivity, pathogenicity, host susceptibility and drug efficacy in two experimentally infected sheep breeds

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Santiyanont R; Wilairat P
1981 Am J Trop Med and Hyg 30 (3) May 541-543 Wa
Plasmodium falciparum, red cells containing hemoglobin E do not inhibit malaria parasite development in vitro

Resistance, Host
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1975 Parazitologiia Leningrad 9 (5) Sept-Oct 443-448 Wa
toxoplasms, susceptibility of various strains of mice to virulent and little-virulent strains, host genetic peculiarities

Resistance, Host
Scarpin M et al
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 164-172 Wm
Schistosoma mansoni, rabbits immunized with saline extract of adult worms were totally or partially resistant to challenge infection; physico-chemical characterization of extract

Resistance, Host
Schleger AV; Lincoln DT; Bourne AS
1981 Austral J Biol Sc 34 (1) 27-35 Wa
relationship of arteriovenous anastomoses in dermal vasculature of skin of Bos taurus with resistance to Boophilus microplus

Resistance, Host
Schleger AV; Lincoln DT; Kemp DH
1981 Experientia 37 (1) Jan 15 49-50 Wa
Boophilus microplus-infected Bos taurus, mast cell histamine is translocated by eosinophils to attachment site, concentration pattern of histamine appears related to grooming behavior of host, could be important aspect of tick rejection mechanism

Resistance, Host
Schoenberg DA; Cheng TC
1980 Develop and Comp Immunol 4 (4) Fall 617-628 Wa
Biomphalaria glabrata, 2 strains with differing susceptibility to Schistosoma mansoni, lectin-binding specificities of hemocytes as determined by microhemadsorption assays

Resistance, Host
Schom C; Novak M; Evans WS
1981 Parasitology 83 (1) Aug 77-90 Wa
Hymenolepis citelli in Tribolium confusum, effect of host starvation prior to infection, parasite population size, host sex, and host genotype on host mortality or survival and on rate of parasite development, evaluation of results from genetic and evolutionary point of view

Resistance, Host
Selkirk ME; Sacks DL
1980 Tropenmed u Parasitol 31 (4) Dec 435-438 Wa
Trypanosoma brucei, immunosuppression in 2 mouse strains which differ considerably in their ability to survive infection, results confirm that variation in susceptibility to infection is related to ability to mount IgM response

Resistance, Host
Semprevivo LH et al
1981 J Parasitol 67 (1) Feb 8-14 Wa
Leishmania donovani in large number of congenic resistant mouse strains on C57BL/10ScSn background differing at specific histocompatibility loci, course of infection, acquired resistance, induction of pathologic alteration, model for spectral disease

Resistance, Host
Sen DK et al
1981 J Parasitol 67 (5) Oct 744-746 Wa
Trypanosoma musculi, susceptibility to infection in 2 mouse strains exposed to various environmental temperatures

Resistance, Host
Sen DK; Lankaranifard G; Narain NK
1981 J Protozool 28 (2) May 167-170 Wa
Trypanosoma musculi, effect of holothurin on defense mechanisms of different strains of mice, timing of administration of holothurin appeared to be important factor in observed effect (higher or lower levels of parasitemia than controls), minor variations in parasitemia seemed to be related to mouse strain

Resistance, Host
Seureau C
1981 Ann Parasitol 56 (2) 179-181 Wa
Maupasina weissi, encapsulation in adipose tissue of Locusta migratoria, elicitation of hemocytic reaction, shows defective adaptation of parasite to intermediate host

Resistance, Host
Sirag SB et al
1980 Parasitology 80 (3) June 479-486 Wa
Echinostoma revolutum, homologous and heterologous (Schistosoma spp.) resistance in infections in mice

Resistance, Host
Sirag SB et al
1981 J Helminth 55 (1) Mar 63-70 Wa
Schistosoma bovis, calves harboring primary patent infections demonstrate substantial resistance to heterologous challenge with Fasciola hepatica

Resistance, Host
Smith DH
1977 J Med Entom 14 (2) Nov 25 137-145 Wa
Cuterebra approximata in Peromyscus maniculatus and other rodent species, incidence, univoltine life cycle, localization, bimodal seasonal occurrence, effect of egg age, photoperiod, temperature, and ecdysone injections on development, lack of immune response, disparity in adult fly sex ratios, implications of high host specificity and mortality rate for use in biological control, laboratory and field studies: Missoula, Montana

Resistance, Host
Sprague V; Hussey KL
1980 J Protozool 27 (2) May 169-175 Issued July 17 Wa
Ichthyosporidium giganteum in Leiostomus xanthurus (subcutaneous connective tissue of anterior abdominal region), host response to parasite invasion (synctial xenoma), development of parasite: Chesapeake Bay, Maryland

Resistance, Host
Sulaiman I; Townson H
1980 Ann Trop Med and Parasitol 74 (6) Dec 635-646 Wa
Dirofilaria immitis, genetic basis of susceptibility to infection in Aedes aegypti

Resistance, Host
Sullivan JT et al
1981 Internat J Parasitol 11 (6) Dec 481-484 Wa
Schistosoma mansoni, 5 of 7 inbred genetic stocks of Biomphalaria glabrata that are nonsusceptible for NIH-Sm-PR-2 parasite strain revert to nearly complete susceptibility when first infected with Echinostoma paraensei

Resistance, Host
Sullivan JT; Richards CS
1981 J Parasitol 67 (5) Oct 702-708 Wa
Schistosoma mansoni, susceptibility of 10 stocks of Biomphalaria glabrata to NIH-Sm-PR-1 and NIH-Sm-PR-2 parasite strains, observation of range of nonsusceptibility or susceptibility among snail stocks nonsusceptible or susceptible to PR-2 as evaluated by parasite development and host tissue response

Resistance, Host
Tabel H; Losos GJ; Maxie MG
1981 Tropenmed u Parasitol 32 (2) June 99-100 Wa
Trypanosoma congolense, cattle, lack of relationship between level of parasitemia and J blood group antigens

Resistance, Host
Tanner CE; et al
1980 J Parasitol 66 (5) Oct 802-805 Wa
Trichinella spiralis, rabbits, nonrandom negative binomial distribution of parasite populations in host population under carefully controlled laboratory conditions, results indicate nonrandom overdispersion is intrinsic characteristic of this host-parasite association and that susceptibility factors (under presumed genetic control) should be considered seriously in mathematical models of parasites

Resistance, Host
Tanowitz HB et al
1981 Exper Parasitol 51 (2) Apr 269-278 Wa
Trypanosoma cruzi, susceptible vs. resistant mice infected with Brazil strain, choline acetyltransferase activity in hearts and brains, correlation with parasitemia and pathology

Resistance, Host
Tanowitz HB et al
1981 Exper Parasitol 52 (2) Oct 233-242 Wa
Trypanosoma cruzi, susceptible mouse strains showed inhibition or depression of primary antibody response to sheep red blood cells whereas resistant mouse strains showed either no inhibition or considerable augmentation of this response; mitogenic responses of spleen cells in vitro did not correlate with resistance or susceptibility in vivo

Resistance, Host
Tanowitz HB; Rager-Zisman B; Wittner M
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 820-822 Wa
Trypanosoma cruzi 'Brazil' strain in C57 BL/10 (B10) mice, effect of silica on resistance, results suggest macrophages play important role in host resistance to early infection

Resistance, Host
Thompson RCA; Howell MJ
1979 Ztschr Parasitenk 61 (1) 93-98 Wa
Fasciola hepatica, effect of BCG on resistance of rats to infection

Resistance, Host
Titche AR; Prestwood AK; Hibler CP
1979 J Wildlife Dis 15 (2) Apr 273-280 Wa
Elaeophora schneideri in Odocoileus virginianus (exper.), eosinophilia, clinical signs, pathology, age-related resistance

Resistance, Host
Townson H; Sulaiman I; Matthews HA
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 175-176 Wa
Dirofilaria immitis, D. repens, Brugia pahangi, genetic aspects of susceptibility of Aedes aegypti to infection

Resistance, Host
Tribouley J; Tribouley-Duret J; Appriou M
1980 Ann Parasitol 55 (1) Jan-Feb 87-96 Wa
Schistosoma mansoni, mice, injection of B.C.G., increase of non-specific resistance, effect on larval migration, re-inoculation of B.C.G. results in immunostimulation which is more intense and appears earlier

Resistance, Host
Trpis M; Duhrkopf RE; Parker KL
1981 Science (4489) 211 Mar 27 1435-1437 Wa
Brugia malayi, B. pahangi, inheritance of mosquito (Aedes scutellaris complex) susceptibility to infection follows non-Mendelian pattern indicative of extrachromosomal factors inherited through maternal parent

Resistance, Host
Tubaro E et al
1980 Biochem Pharmacol 29 (13) July 1 1939-1943 Wm
Plasmodium berghei-infected mice, liver xanthine oxidase increase, possible nonspecific defense mechanism

Resistance, Host
Tubaro E et al
1980 Biochem Pharmacol 29 (13) July 1 1945-1948 Wm
Plasmodium berghei-infected mice, xanthine oxidase increase in polymorphonuclear leucocytes and macrophages, possible nonspecific natural defense mechanism

Resistance, Host
Tzipori S et al
1981 Infect and Immun 33 (2) Aug 401-406 Wa
Cryptosporidium sp., enterotoxigenic Escherichia coli, rotavirus, lambs (exper.), single and mixed infections, clinical and pathological manifestations, age susceptibility

Resistance, Host
Underdown BJ et al
1981 J Immunol 126 (2) Feb 669-672 Wm
Giardia muris in C3H/He (susceptible) vs. BALB/c (resistant) mice, ability to resist 2nd infection at various times after drug cure of primary infection, ability of infected females to protect their suckling neonates from challenge infection

Resistance, Host
Urdaneta-Morales S; McLure I
1981 Acta Trop 38 (2) June 99-105 Wa
Trypanosoma cruzi, infections established in some lizards by inoculation from cultures and by immuno-suppression but not by blood from infected mice, feces from infected bugs, or forced feeding on ground-up infected bugs, possible factors responsible for natural resistance of poikilothermic vertebrates to T. cruzi

Resistance, Host
Vieira RA
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 361-381 Wa
Ancylostoma caninum, Rattus norvegicus (exper.) simultaneously treated with prednisolone trimethylacetate and infected with parasite larvae, host natural resistance apparently not affected by hormone therapy as no adult parasites were found at necropsy

Resistance, Host
Vinayak VK et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 397-400 Wm
Entamoeba histolytica, rats fed low protein diet were more susceptible to infection and had severe caecal lesions compared with controls, hepatic lesions seen in one animal fed low protein diet for 14 days, malnourished rats had lower indirect haemagglutinating antibody titres than controls

Resistance, Host
Wajdi NAK; Hussain WI; El-Hawary MFS
1979 Biochem and Exper Biol 15 (2) 119-124 Wa
Schistosoma haematobium and S. mansoni, Egyptian strains, susceptibility of Iraqi snails to infection, only S. haematobium infected Bulinus truncatus and neither fluke infected any of the other snails in the study

Resistance, Host
Wakelin D; Donachie AM
1981 Immunology 43 (4) Aug 787-792 Wa
Trichinella spiralis, adoptive transfer experiments in mouse radiation chimaeras, results indicate that genetic control of worm expulsion is expressed at level of bone marrow-derived cell population and is independent of lymphocyte responsiveness

Resistance, Host
Waller PJ; Thomas RJ
1981 Vet Parasitol 9 (1) Oct 47-55 Wa
Trichostrongylus axei, intestinal Trichostrongylus spp., grazing lambs, natural regulation of parasite populations in relation to host age, length of time of exposure to infection, and seasonal fluctuations in, and absolute levels of, larval availability on pasture

Resistance, Host
Watts JE; et al
1980 Austral Vet J 56 (2) Feb 57-63 Wa
significance of certain skin characters of sheep in resistance and susceptibility to fleece-rot and body strike: New South Wales

Resistance, Host
Wellde BT et al
1981 Exper Parasitol 52 (2) Oct 219-232 Wa
Trypanosoma congolense, cattle, investigations of natural and acquired resistance with reference to age resistance, self-cure, chemotherapeutic cure, blood- vs. tsetse fly-induced infections, and challenge with homologous vs. heterologous strains

Resistance, Host
Whitelaw DD et al
1980 Infect and Immun 27 (3) Mar 707-713 Wa
Trypanosoma congolense in susceptible mouse strain vs. trypanotolerant mouse strain, host survival, parasitemia and anemia, erythrocyte survival, plasma and erythrocyte volumes, blood biochemistry, immunoglobulin levels, immunosuppression, infectivity neutralization tests on sera, results indicate ability of resistant mice to survive is dependent on humoral antibody

Resistance, Host
Wikel SK
1980 Ann Trop Med and Parasitol 74 (1) Feb 103-104 Wa
host resistance to tick-borne pathogens by virtue of resistance to tick infestation, experiments with Dermacentor andersoni-resistant and non-resistant rabbits using tick-borne bacterium Francisella tularensis

Resistance, Host
Williams JF; Shearer AM; Ravitch MM
1981 J Parasitol 67 (4) Aug 540-547 Wa
Taenia taeniaeformis, establishment and growth in female rats of several different inbred and outbred lines and in male vs. female rats of one line, differences in susceptibility between rat strains were overshadowed by variations observed in inbred rats of same strain purchased from different commercial suppliers

Resistance, Host
Wilson AJ; Parker R; Trueman KF
1980 Trop Animal Health and Prod 12 (2) May 90-94 Wa
Anaplasma marginale in Bos indicus crossbred and Bos taurus of 2 age groups, no significant differences in susceptibility were observed

Resistance, Host
Wing EJ et al
1981 J Reticuloendothel Soc 29 (4) Apr 321-328 Wm
Toxoplasma gondii, phagocytosis by and intracellular multiplication in human macrophage-like cell line (U-937), multiplication decreased in lymphokine-stimulated U-937 cells, first demonstration that human macrophage-like cell line can be stimulated by lymphokines to acquire a function of activated macrophages

Resistance, Host
Wyler DJ; Quinn TC; Chen LT
1981 J Clin Invest 67 (5) May 1400-1404 Wa
Plasmodium berghei, mice, clearance of damaged uninfected erythrocytes undergoes similar alterations during acute malaria as infected erythrocytes, observations support hypothesis that altered rheologic properties of infected erythrocytes are major determinant of their removal by spleen, data suggest that alterations in splenic microcirculation that occur during malaria may have important implications for host defense

Resistance, Host
Yazwinski TA et al
1980 J Animal Sc 51 (2) Aug 279-284 Wa
Haemonchus contortus, lambs (exper.), breed differences in resistance, effect of host breed and sex on their physiological responses when given sensitizing infections of larvae followed by challenge infection

Resistance, Host
Yoshimura K et al
1980 Exper Parasitol 49 (3) June 339-352 Wa
Angiostrongylus cantonensis raised in permissive or nonpermissive hosts, pulmonary arterial transfers into permissive or nonpermissive hosts, subsequent survival, growth, and egg-laying capacity, histopathology, antibody production

Resistance, Host
Yoshino TP
1981 Develop and Comp Immunol 5 (2) Spring 229-240 Wa
Schistosoma mansoni-susceptible vs. -refractory Biomphalaria glabrata stocks, comparison of concanavalin A-reactive determinants on hemocyte membranes, receptor binding and redistribution

Resistance, Host
Young AS et al
1981 Parasitology 82 (3) June 473-479 Wa
Theileria parva, effect of irradiation on susceptibility of Rhipicephalus appendiculatus ticks to infection

Resistance, Host
Zharikova TI; Silkina NI; Stepanova MA
1980 Dokl Akad Nauk SSSR 253 (2) 510-512 Wa
Dactylogyrus spp. in Carassius auratus, change in parasite abundance as a function of host immunophysiological state and water temperature

Resistance, Host
Zwart D; Brocklesby DW
1979 Advances Parasitol 17 49-113 Wa
babesiosis, non-specific resistance, immunology, pathogenesis, extensive review

Respiration [See also Metabolism; Oxygen]

Respiration, Host
Meakins RH
1980 Comp Biochem and Physiol 66A (1) 137-140 Wa
Schistosoma mansoni-infected vs. uninfected Biomphalaria glabrata, body weight and oxygen uptake at 3 temperatures

Respiration, Host
Narayanan R; Venkateswararao P
1980 J Invert Path 36 (1) July 21-24 Wa
Prosthogonimus sp. infection of Lymnaea luteola, effect on host oxidation of glycolytic and Krebs cycle intermediates

Respiration, Host
Stpiczynska R
1981 Polskie Arch Hydrobiol 28 (1) 147-167 Wa
Fasciola hepatica, pathophysiology in Lymnaea tomentosa, host respiratory metabolism and protein metabolism

Respiration, Parasite
de Andrade PP; de Almeida DF
1980 J Parasitol 66 (2) Apr 250-254 Wa
Herpetomonas samuelpessoai, structural transition in vitro under conditions intended to favor alternatively aerobic or anaerobic energy-producing metabolic pathways through variation of oxygen tension in culture medium

Respiration, Parasite
Bienen EJ; Hammadi E; Hill GC
1981 Exper Parasitol 51 (3) June 408-417 Wa
Trypanosoma brucei brucei, reproducible in vitro system for study of transformation of bloodstream- to procyclic-trypomastigotes, morphological changes, nutritional requirements, respiration

Respiration, Parasite
de Boiso JF; Docampo R; Stoppani AOM
1979 Rev Argent Microbiol 11 (1) Jan-Apr 22-36 Wm
Trypanosoma cruzi, culture (epimastigote) forms, cytochromes

Respiration, Parasite
Cerkasovova A
1969 Folia Parasitol 16 (4) 297-301 Wa
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Hart DT; Vickerman K; Coombs GH
1981 Parasitology 83 (3) Dec 529-541 Wa
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Schistosoma japonicum, energy metabolism

Respiration, Parasite
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1980 Molec and Biochem Parasitol 1 (2) Apr 75-90 Wa
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Respiration, Parasite
Lindmark DG
1980 Molec and Biochem Parasitol 1 (1) Mar 1-12 Wa
Giardia lamblia, carbohydrate and energy metabolism, enzyme activities

Respiration, Parasite
Miller PGG; Klein RA
1980 J Gen Microbiol 116 (2) Feb 391-396 Wa
Trypanosoma brucei, T. evansi, effects of oligomycin on glucose utilization and calcium transport

Respiration, Parasite
Njogu RM; Whittaker CJ; Hill GC
1980 Molec and Biochem Parasitol 1 (1) Mar 13-29 Wa
Trypanosoma brucei, characterization of terminal oxidases and determination of their contribution to total cell respiration, evidence for branched electron transport chain

Respiration, Parasite
Ohnishi T et al
1980 Molec and Biochem Parasitol 2 (1) Oct 39-50 Wa
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Respiration, Parasite
Rogerson GW; Gutteridge WE
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Trypanosoma cruzi, epimastigotes, trypomastigotes, amastigotes, catabolic metabolism: endogenous energy reserves, exogenous substrates utilized, enzyme complements

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Saz HJ
1981 Ann Rev Physiol 43 323-341 Wa
helminths, energy metabolisms, adaptation to parasitism, review

Respiration, Parasite
Spithill TW; Shimer SP; Hill GC
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Respiration, Parasite
Stoppani AOM et al
1980 Molec and Biochem Parasitol 2 (1) Oct 3-21 Wa
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Respiration, Parasite
Umezurike GM; Anya AO
1980 Comp Biochem and Physiol 65B (3) 575-577 Wa
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Respiration, Parasite
Weber G
1980 J Parasitol 66 (6) Dec 904-913 Issued May 6 1981 Wa
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Respiration, Parasite
Weinbach EC et al
1980 J Parasitol 66 (2) Apr 347-350 Wa
Giardia lamblia, respiratory metabolism

Respiratory system [See also Asthma; Bronchitis; Lungs; Pneumonia]

Respiratory system
Blanloeil Y et al
1980 Semaine Hop Paris 56 (21-24) June 8-15 1088-1090 Wm
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Respiratory system
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1980 Med Trop 40 (3) May-June 281-284 Wm
Schistosoma haematobium, S. mansoni, humans, pathology of respiratory system

Respiratory system
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1977 Proc Zool Soc Calcutta 30 (1-2) Apr-Oct 121-129 Wa
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Respiratory system
Fossati C
1971 Rev Iber Parasitol 31 (3-4) July-Dec 283-298
Giardia lamblia, human, bronchopulmonary manifestations, case reports

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Plasmodium falciparum, man, case report, acute respiratory insufficiency

Respiratory system
Zheng J et al
1981 Chinese Med J 94 (8) Aug 529-534 Wm
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Brown KN et al
1980 Bull World Health Organ 58 (3) 449-457 Wa
Plasmodium berghei-infected rats, humoral autoimmune responses to developing reticulocytes, significant levels of cold IgM and IgG isohaemagglutinins detected in serum, infected reticulocytes more sensitive than uninfected cells, results indicate that presence of parasite resulted in exposure of membrane isoantigens normally masked

Reticulocytes
Tosta CE; Hermans MAA
1981 Ann Trop Med and Parasitol 75 (3) June 363-365 Wa
Plasmodium berghei-infected rats, atypical reticulocytes as possible consequence of pitting function of spleen, may contribute to anemia

Reunion
Isautier H; Bonnefoy X; Uhlrich JM
1978 Bull Soc Path Exot 71 (3) May-June 263-275 Wa
epidemiologic survey to acertain incidence of human malaria (absent) and intestinal parasites and to monitor water quality: cirque de Mafate, ile de la Reunion

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Norval RAI
1979 J South African Vet Ass 50 (4) Dec 289-292 Wa
ticks and tick-borne diseases of cattle, review of distribution and effect of the break-down of dipping in tribal areas on epidemiology: Zimbabwe Rhodesia

Rhythms See Periodicity

Ribonucleic acid See Nucleic acids

Ribosomes [See also Nucleic acids]

Ribosomes
Castro C; Hernandez R; Castaneda M
1981 Molec and Biochem Parasitol 2 (3-4) Feb 219-233 Wa
Trypanosoma cruzi, ribosomal RNA, internal break in large-molecular-mass species, number of genes

Ribosomes
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Trypanosoma brucei, preliminary characterization of unusual small RNAs present in ribosomes

Ribosomes
Cordingley JS; Turner MJ
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Trypanosoma brucei brucei, isolation of variant specific antigen mRNA by immunoprecipitation of polysomes

Ribosomes
Cordingley JS; Turner MJ
1980 Parasitology 81 (3) Dec 537-551 Wa
Trypanosoma brucei, polysomes, isolation in bulk and characterization, detection of nascent variant surface antigen on these polysomes

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Curgy JJ; Vavra J; Vivares C
1980 Biol Cell 38 (1) May 49-52 Wa
Thelohania maenadis, Inodosporus sp., presence of ribosomal RNAs with prokaryotic properties in these eukaryotic organisms, phylogenetic implications

Ribosomes
Lopetegui R; Sosa Miatello C; La Via MI
1980 Medicina Buenos Aires 40 Suppl (1) 91-96 Wm
Trypanosoma cruzi, ribosomal antigens from epimastigotes, decreased reactivity after treatment with pancreatic ribonuclease

Ribosomes
MacKay RM; Gray MW; Doolittle WF
1980 Nucleic Acids Research 8 (21) Nov 11 4911-4917 Wa
Crithidia fasciculata, nucleotide sequence of cytosol 5S ribosomal RNA, evolutionary implications

Ribosomes
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1980 Molec and Biochem Parasitol 1 (3) June 151-166 Wa
Trypanosoma brucei gambiense, mRNA coding for variant specific antigen, purification (from total trypanosomal polyribosomes by indirect immunoprecipitation) and cell-free translation

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Pasternak J; Winkfein RJ; Fernando MA
1981 Molec and Biochem Parasitol 3 (3) July 133-142 Wa
Eimeria tenella, ribosomal and translatable messenger RNA

Roentgenography See Diagnosis; Radiation

Russia
Khokhlova IG
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 121-166 Wa
Acanthocephala of birds of SSSR, extensive taxonomic review of literature, keys, host list

Russia
Shtein GA
1979 Zool Zhurnal 58 (4) Apr 483-490 Wa
parasitic ciliates of fishes, ecology and geographic distribution: Far-Eastern seas of USSR

Russia
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1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 166-190 Wa
Acanthocephala of fishes of SSSR, extensive systematic review of literature, keys, host list

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Movsesian SO
1963 Trudy Vsesoiuz Inst Gel'mint 10 49-53 Wa
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Russia, Tadzhik SSR
Galina ZA
1979 Izvest Akad Nauk Tadzhiksk SSR Otdel Biol Nauk (1) (74) Jan-Mar 17-23 Wa
trematodes of Anseriformes: Tadzhikistan

Russia, Turkmen SSR
Charyev OCh
1978 Izvest Akad Nauk Turkmen SSR s Biol Nauk (1) 86-87 Wa
ixodid fauna of sheep, control with sevin or chlorophos: Turkmenistan

Salinity
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1980 Ztschr Parasitenk 64 (1) 47-63 Wa
Echinostoma liei, influence of various physicochemical environmental conditions on egg hatchability; miracidial host-finding capacity and level of parasitisation in Biomphalaria glabrata, susceptibility of different snails to infection, cercarial and metacercarial infectivity in relation to some first and second intermediate host-related factors, cercarial shedding, metacercarial longevity

Salinity
Huff JA; Burns CD
1981 Aquaculture 22 (1-2) Jan 181-184 Wa
Cryptocaryon irritans in Lutjanus campechanus (mucus), control trials using hypersaline dips both with and without additions of quinine hydrochloride and chloroquine, and minimal handling: fish culture, St. Petersburg, Florida

Salinity
Osmanov SO
1975 Parazitologiia Leningrad 9 (6) Nov-Dec 476-484 Wa
changes in parasite fauna of fishes during period 1967-1971 due to introduction of nonindigenous fish and increasing salinity of water: Aral Sea

Salinity
Paperna I
1980 Ann Parasitol 55 (6) Nov-Dec 687-706 Wa
Caligus minimus, adults and larvae on Dicentrarchus labrax, site of attachment on host, incidence, intensity, and dispersal of infections, host size, parasite sex ratio, seasonal and/or annual fluctuations, temperature and salinity conditions: Bardawil Lagoon

Salinity
Petersen JJ
1981 J Invert Path 37 (3) May 290-294 Wa
Octomyomermis muspratti, infectivity for Culex pipiens over range of salinities and dilutions of organically rich tree-hole water (comparison with Romanomermis culicivorax), effect of host diet, host density, and worm burden on parasite male-female sex ratios, longevity of laboratory cultures subjected to continual intermittent floodings, advantages of O. muspratti over R. culicivorax as potential biological control agent for mosquitoes

Salinity
Thuet P; Romestand B
1981 Arch Internat Physiol et Biochim 89 (1) Feb 15-33 Wa
Meinertia oestroides, Anilocra physodes, osmotic and ionic regulation, water transfer as function of salinity of medium, relationship to localization on host body, hypothesis concerning mechanism of feeding; some results also for Emetha audouini

Salinity
Vanoverschelde R
1981 Parasitology 82 (3) June 459-465 Wa
Himasthla militaris, life-cycle: influence of salinity and temperature on egg development and miracidial emergence

Salinity
Vivares CP; Cuq JL
1981 J Invert Path 37 (1) Jan 38-46 Wa
Thelohania maenadis in Carcinus mediterraneus, effect of infection on certain biochemical components of hemolymph and tissues of host, experimental ecophysiopathological study analysing effect of variations in environmental water temperature and salinity on proteinemia and glucidic metabolism in healthy vs. parasitized crabs: Vic Lagoon, near Montpellier, France

Sanitation and hygiene [See also Disease transmission; Public health]

Sanitation and hygiene
Black RE et al
1981 Am J Epidemiol 113 (4) Apr 445-451 Wa
handwashing program for staff and children in day-care centers helps prevent diarrhea resulting from pathogens such as Giardia lamblia

Sanitation and hygiene
Bonnefoy X; Isautier H
1978 Bull Soc Path Exot 71 (1) Jan-Feb 70-78 Wa
helminthiasis, human, prevalence in 1972 vs. 1976, influence of sanitation, precipitation, urban vs. rural habitat, water quality: Reunion Island

Sanitation and hygiene
Curtis CF; Feachem RG
1981 J Trop Med and Hyg 84 (1) Feb 17-25 Wa
improvement of water supplies and on-site sanitation systems in underdeveloped areas has the potential for increasing populations of Culex pipiens complex mosquitoes and thus a potential for increasing prevalence and intensity of Wuchereria bancrofti in endemic areas, review

Sanitation and hygiene
Frenzel A et al
1979 Rev Med Chile 107 (4) Apr 343-351 Wm
intestinal parasites, young children, relationship to infections in persons preparing the children's food and in sanitary conditions in their homes: Chile

Sanitation and hygiene
Grossklaus D
1979 Oeffentl Gsndhtsw 41 (8) Aug 501-512 Wm
zoonoses, current problems involving food hygiene, studies aimed at improving consumer protection, prophylactic measures for veterinary surgeons in the public health field

Sanitation and hygiene
Henry FJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 507-513 Wa
children studied with regard to anthropometry, intestinal helminths (Ascaris and Trichuris), diarrhoea and other illnesses, findings related to different levels of sanitation and water supplies, possibility of malnutrition being secondary to illness rather than primary: St. Lucia, West Indies

Sanitation and hygiene
Jancloes M; Jancloes-Diepart M
1981 Dakar Med 26 (1) 54-58 Wm
improved sanitation has decreased the incidence of human malaria but intestinal parasites are controlled only by continued mass anthelmintic therapy: Zaire

Sanitation and hygiene
Jancloes M; Jancloes-Diepart M
1981 Ann Soc Belge Med Trop 61 (1) Mar 111-118 Wa
parasitism, humans, evaluation of mass therapy and sanitation as control measures in rural areas, concluded that long-term success against intestinal infections depends on quantity of water available: Lower Zaire

Sanitation and hygiene
Jordan P; Christie JD; Unrau GO
1980 Acta Trop 37 (2) June 95-135 Wa
schistosomiasis transmission, review with particular reference to possible ecological and biological methods of control

Sanitation and hygiene
Mara D; Feachem R
1980 J Trop Med and Hyg 83 (6) Dec 229-240 Wa
technical and public health aspects of low cost sanitation programme planning, includes environmental classification of excreta-related parasitic and other infections

Sanitation and hygiene
Puga S et al
1980 Rev Med Chile 108 (7) July 608-611 Wm
Protozoa and helminths, human, prevalence according to age, sanitation of homes: Provincia Valdivia, Chile

Sanitation and hygiene
Putrali J et al
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 480-486 Wa
schistosomiasis pilot control project (human therapy with niridazole, mollusciciding with niclosamide, improving water supply and sanitation), interim results, epidemiological estimates for future: Lindu valley, Central Sulawesi, Indonesia

Sanitation and hygiene
Soh CT et al
1978 Yonsei Rep Trop Med 9 (1) Nov 63-69 Wm
effective use of methane gas producing tank system to help decompose organic disposal from pig-sty and cowsheds, prevents survival of parasite eggs and cysts: Seoul, Korea

Sanitation and hygiene
Stuerchler D et al
1980 Tropenmed u Parasitol 31 (1) Mar 87-93 Wa
hookworm, Ascaris lumbricoides, Trichuris trichiura, human, prevalence by host age and sex, effect of community anthelmintic chemotherapy in settlements already having improved environmental sanitation, analysis of costs: Liberia

Saudi Arabia
Siddiqui MA
1981 Ann Trop Med and Parasitol 75 (5) Oct 565-566 Wm
intestinal parasites, human, prevalence in Al-Baha, Saudi Arabia

Scotland See Great Britain, Scotland

Seas, Aral Sea
Osmanov SO
1975 Parazitologiia Leningrad 9 (6) Nov-Dec 476-484 Wa
changes in parasite fauna of fishes during period 1967-1971 due to introduction of nonindigenous fish and increasing salinity of water: Aral Sea

Seasonal distribution [See also Overwintering]

Seasonal distribution
Addison EM; Johnson FJ; Fyvie A
1979 J Wildlife Dis 15 (2) Apr 281-284 Wa
Dermacentor albipictus on Alces alces, levels of infestation, sites of attachment, seasonal fluctuations: Chapleau Crown Game Preserve, Ontario

Seasonal distribution
Afifi SED et al
1980 Austral J Exper Biol and Med Sc 58 (1) Feb 1-17 Wa
seasonal biting prevalence and malaria transmission patterns in Anopheles punctulatus complex: Madang district, Papua New Guinea

Seasonal distribution
Al-Taqi M; Behbehani K
1980 Ann Trop Med and Parasitol 74 (5) Oct 495-501 Wa
cutaneous leishmaniasis, human, clinical observations, host age and sex, seasonal incidence, geographical distribution, factors which may have led to spread of infection (including increase in economic activities, travellers and immigrants, change in ecological conditions): Kuwait

Seasonal distribution
Alvarez Pellitero MP
1979 An Fac Vet Leon 25 129-154 Wa
Raphidascaris acus, incidence and intensity in fish, life history, seasonal distribution: rios de la provincia de Leon

Seasonal distribution
Amin OM
1981 J Fish Biol 19 (4) Oct 467-474 Wa
Echinorhynchus salmonis in Osmerus mordax, no pronounced seasonal periodicity in infection prevalence and intensity or development and maturation, worms were predominantly overdispersed with negative binomial distribution being best descriptive model: Lake Michigan

Seasonal distribution
Amin OM
1981 Tr Am Micr Soc 100 (1) Jan 42-51 Wa
leeches from fish and turtles, seasonal distribution of some species: southeastern Wisconsin

Seasonal distribution
Amin OM; Burns LA; Redlin MJ
1980 Proc Helminth Soc Washington 47 (1) Jan 37-46 Issued Feb 15 Wa
Acanthocephalus parksidei in Caecidotea militaris, prevalence, intensity, developmental cycle, sex of parasite, age and sex of host, seasonal variations, analyses of parasite population distribution: Pike River, southeastern Wisconsin

Seasonal distribution
Anderson JF; Magnarelli LA
1980 J Med Entom 17 (4) July 31 314-323 Wa
ixodid ticks of vertebrates, infestation levels, seasonal geographical distribution, parasite sex ratios, age of parasite; field studies suggest some Dermacentor variabilis and Ixodes dammini may have 2-year life cycles: Connecticut

Seasonal distribution
Anderson N et al
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 23-51 Wa
nematodes, sheep, epidemiology, control, seasonal distribution in various rainfall zones, review: Australia

Seasonal distribution
Anderson RM
1980 Lecture Notes Biomath 39 278-322 Wa
mathematical framework to describe dynamics of direct life cycle helminth parasites, general properties of model with attention focused on transmission threshold and unstable breakpoints, methods of predicting trends in prevalence and intensity of infection within age-structured populations, dynamics of Necator americanus infections (model predictions compared with data from India and Taiwan), significance of seasonal climatic change and spatial heterogeneity, analysis of effectiveness of various control methods, future research needs, symposium presentation

Seasonal distribution
Andrews C
1979 J Fish Dis 2 (1) Jan 27-33 Wa
Henneguya psorospermica, prevalence of cysts in Perca fluviatilis (gill filaments), age of host, seasonal occurrence in adult perch: Llyn Tegid, Wales

Seasonal distribution
Andrews CL; Gerrish RR; Nettles VF
1980 J Med Entom 17 (5) Sept 30 479-480 Wa
ectoparasites from Sylvilagus floridanus, monthly prevalence: southeastern United States

Seasonal distribution
Andrews JD; Castagna M
1978 J Invert Path 32 (2) Sept 124-138 Wa
Minchinia costalis and M. nelsoni in Crassostrea virginica, epizootiology: Atlantic Coast from Chesapeake Bay to Delaware Bay, U. S. A.

Seasonal distribution
Anpilogova NV
1979 Izvest Akad Nauk Tadzhiksk SSR Otdel Biol Nauk (3) (76) July-Sept 113-115 Wa
coccidia, swine, seasonal distribution: Tadzhikistan

Seasonal distribution
Ansari MZ; Singh KS
1981 Indian J Animal Sc 51 (4) Apr 459-465 Wa
Gaigeria pachyscelis, goats, sheep, monthly incidence and intensity of infection, effect of temperature and relative humidity on embryonic development and hatching of eggs and on formation of pre-parasitic larval stages: abattoir of Bareilly, India

Seasonal distribution
Baker MR
1979 Canad J Zool 57 (1) Jan 179-183 Wa
Rhabdias ranae from Rana sylvatica (body cavity), seasonal population changes, prevalence and intensity: Guelph, Ontario, Canada

Seasonal distribution
Baker NF et al
1981 Am J Vet Research 42 (7) July 1188-1191 Wa
gastro-intestinal nematodes, use of tracer calves to determine seasonal development of and variations in numbers and species of infective larvae on irrigated pastures near Oak Grove, California

Seasonal distribution
Banina NN
1975 Parazitologiia Leningrad 9 (3) May-June 285-292 Wa
Apiosoma, distribution on body of young and adult fish, seasonal dynamics, morphological changes in different habitats on body

Seasonal distribution
Barnard DR
1981 Ann Entom Soc Am 74 (5) Sept 507-511 Wa
Amblyomma americanum, classification into 3 growth classes of female ticks feeding on bovines; density of nymphs, larvae, and adult male and female ticks parasitic on bovines vs. free-living on pasture in different months, concluded that CO_2 and drag samples of nonparasitic ticks did not accurately reflect levels of tick infestation on bovines: Oklahoma

Seasonal distribution
Barnard DR
1981 J Kansas Entom Soc 54 (3) July 547-552 Issued July 17 Wa
Ixodes scapularis on cattle, seasonal activity and preferred attachment sites: southeastern Oklahoma

Seasonal distribution
Batra CP; Reuben R; Das PK
1979 Indian J Med Research 70 Suppl Dec 103-113 Wa
malaria transmission (especially Plasmodium vivax) survey, seasonal distribution, vectorial capacity of Anopheles stephensi and A. subpictus, infection probably continues as result of low level man-vector contacts: Salem, Tamil Nadu, India

Seasonal distribution
Beaucournu JC; Rahm U
1978 Acta Trop 35 (4) Dec 357-372 Wa
Siphonaptera of rodents and insectivores, survey, data on preferred hosts, dates of capture in relation to rainfall, altitude of collecting sites, and sex ratios: Zaire

Seasonal distribution
Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154 Wa
Probopyrus pandalicola on Palaemonetes paludosus, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida

Seasonal distribution
Belot J; Camus E; Mishra GS
1979 Arch Inst Pasteur Tunis 56 (1-2) Mar-June 91-104 Wa
gastro-intestinal strongyles, bovines, seasonal distribution, morantel tartrate: north of Ivory Coast

Seasonal distribution
Bennett GF et al
1978 J Wildlife Dis 14 (1) Jan 67-73 Wa
avian blood parasites, prevalence by month: Dakar, Senegal

Seasonal distribution
Bennett GF; Witt H; White EM
1980 J Wildlife Dis 16 (1) Jan 29-38 Wa
hematozoa, resident birds and overwintering migrants, seasonal prevalence: Jamaica

Seasonal distribution
Bergeland ME; Johnson DD; Shave H
1979 Proc 22 Ann Meet Am Ass Vet Lab Diagn (San Diego California Oct 28-30 1979) 131-138 Wa
Cryptosporidia [sp.], diarrheal calves (ileum, feces), monthly incidence, mixed infections (bacteria and viruses), direct smear technique vs. histologic examination, diagnosis: South Dakota; Minnesota; Iowa; Nebraska; North Dakota

Seasonal distribution
Borgsteede FHM
1980 Tijdschr Diergeneesk 105 (18) Sept 15 758-763 Wa
Ostertagia ostertagi, calves kept on contaminated pastures, pattern of infestation, seasonal distribution, correlation between serum pepsinogen level and loss of weight: Netherlands

Seasonal distribution
Bradley W; Siebert AE jr
1978 Veliger 21 (1) July 1 131-134 Wm
Mytilicola orientalis parasitizing Ostrea lurida and Mytilus edulis, prevalence survey, seasonal distribution, reproduction in hosts: Berkeley Marina, Berkeley, California

Seasonal distribution
Briese LA; Smith MH
1980 J Mamm 61 (4) Nov 763-766 Wa
Mastophorus muris ascaroides in Sigmodon hispidus (stomach), rate of infection varies with host age but not with season or host sex, effect of parasitism on host body composition (15 elements plus fat, ash, and water content) appears to be slight: near Aiken, South Carolina

Seasonal distribution
Buckle A; Harris S
1980 J Zool London 190 (3) Mar 431-439 Wa
flea epifauna of suburban Vulpes vulpes population, infestation levels, host age and sex, seasonal variation, foxes probably obtain majority of their fleas from habitat through which they move rather than from prey items: suburban London

Seasonal distribution
Bull CM; Sharrad RD
1980 J Austral Entom Soc 19 (1) 47-52 Issued May 28 Wa
Aponomma hydrosauri reared on Trachydosaurus rusosus in experimental enclosures, seasonal changes in tick population: Adelaide, South Australia

Seasonal distribution
Burn PR
1980 J Parasitol 66 (3) June 532-541 Wa
parasites of Liopsetta putnami, prevalence and intensity, seasonal variations, host age, frequency distributions, pathogenicity (only noted for Glugea stephani), intra-estuarine variation in parasite occurrence and abundance as possible indicator of host movement and in relation to diversity of free-living community: Great Bay Estuary, New Hampshire

Seasonal distribution
Burrows RO; Best PJ; Preston JM
1980 Vet Rec 107 (17) Oct 25 399-401 Wa
nematodes, dairy cows, seasonal pattern of faecal egg output, 'spring rise' phenomenon: United Kingdom

Seasonal distribution
Burrows RO; Davison CC; Best PJ
1980 Vet Rec 107 (12) Sept 20 289-290 Wa
abomasal nematodes, culled dairy cows, prevalence, seasonal fluctuations in worm burdens and proportion of adult and immature worms, rainfall: southwest England

Seasonal distribution
Cabaret J; Dakkak A; Bahaida B
1980 Rev Elevage et Med Vet Pays Trop 33 (2) 159-165 Wa
protostrongylid larvae in terrestrial molluscs, degree of infestation dependent upon host age, rainfall, and season; prophylaxis against infection in sheep discussed: Rabat (Maroc)

Seasonal distribution
Cabaret J; Dakkak A; Bahaida B
1980 Vet Quart 2 (2) Apr 115-120 Wa
protostrongylids of sheep, prevalence, factors influencing output of larvae (seasonal variation, density of worm populations, age of host, treatment with tetramisole or fenbendazole, lambing): Morocco

Seasonal distribution
Camp JW jr; Huizinga HW
1980 J Parasitol 66 (2) Apr 299-304 Wa
Acanthocephalus dirus in Semotilus atromaculatus and Asellus intermedius, seasonal population interactions, prevalence and density, host size, parasite localization in intestine, parasite sex ratios: Illinois

Seasonal distribution
Campbell A; Ward RM; Garvie MB
1980 J Med Entom 17 (1) Jan 31 22-29 Wa
Haemaphysalis leporispalustris and Dermacentor variabilis on Lepus americanus, infestation levels, seasonal activity, distribution patterns on host: Nova Scotia, Canada

Seasonal distribution
Cantrell MA
1981 Oikos 36 (2) Mar 226-232 Wa
Bulinus globosus (intermediate host of Schistosoma haematobium) in a tropical swamp, seasonal changes in distribution and abundance of populations in relation to lake level fluctuations and other changes in physico-chemical environment, field data; effect of different levels of dissolved oxygen on snail distribution and rate of movement, laboratory experiments: Malawi

Seasonal distribution
Carey AB; Krinsky WL; Main AJ
1980 J Med Entom 17 (1) Jan 31 89-99 Wa
ticks of mammals; abundance, seasonality, geographic distribution, host-tick and tick-tick interactions of Ixodes dammini and Dermacentor variabilis; relationship between I. dammini and public health: south-central Connecticut, USA

Seasonal distribution
de Chaneet GC; Dixon FF; Barker DJ
1981 Vet Parasitol 8 (2) May 143-148 Wa
Ostertagia, Cooperia, cattle, relative significance (in terms of larval availability during winter) of contamination of pasture with nematode eggs at different times during summer and autumn, implications of results for worm control programmes in a Mediterranean-type climatic environment: south-west Western Australia

Seasonal distribution
de Chaneet GC; Mitchell RK; Barker DJ
1981 Vet Parasitol 8 (2) May 149-163 Wa
gastrointestinal nematodes, strategic anthelmintic treatment of young cattle during summer in a Mediterranean-type climatic environment, concluded that treatments may have been more effective had they been given during autumn: south-west Western Australia

Seasonal distribution
Chen XP
1980 Acta Entom Sinica 23 (1) Feb 99-101 Wa
Leptotrombidium spp. and Gahrliepia spp. of Apodemus agrarius, seasonal distribution: Tung-Shan District, Kiangsu Province

Seasonal distribution
Chiriboga J; de Leon D; Rodriguez-Frias J
1980 J Agric Univ Puerto Rico 64 (1) Jan 93-106 Wa
Fasciola hepatica, dairy cattle, infection rate, host age, seasonal distribution, snail surveillance, serum glutamic oxalacetic transaminase levels, transmission not year around, no effective control: Puerto Rico

Seasonal distribution
Chmela J
1969 Folia Parasitol 16 (4) 313-319 Wa
Ixodes ricinus, time intervals between hatching, metamorphosis, and diapause of different stages over 3-year period, seasonal occurrence: Olomouc region, Moravia

Seasonal distribution
Chubb JC
1979 Advances Parasitol 17 141-313 Wa
Trematoda, seasonal occurrence in freshwater fishes, extensive review

Seasonal distribution
Chubb JC
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Seasonal distribution
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1980 J Wildlife Dis 16 (4) Oct 499-508 Wa
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Seasonal distribution
Garms R; Walsh JF; Davies JB
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1981 Tr Roy Soc Trop Med and Hyg 75 (3) 455-460 Wa
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Seasonal distribution
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Unionicola formosa in Anodonta cataracta, life history, seasonal variations, incidence of infection and host loading increases with host length, no selectivity for host sex, parasite sex ratio and male-female associations

Seasonal distribution
Graf JF; Mermod C; Aeschlimann A
1979 Bull Soc Neuchatel Sc Nat 3 s 102 55-68 Wa
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1980 Ann Recherches Vet 11 (2) 133-140 Wa
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Seasonal distribution
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Psoroptes ovis, population increase on stanchioned but not unstanchioned cattle suggests that host self-grooming contributes to decline of P. ovis and body scab during summer, deteriorating skin condition also a factor, evidence that P. ovis does not enter quiescent stage for summer survival

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Pediculus capitis, schoolchildren, seasonal incidence as related to climatic differences and host age: county of Suhl

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Seasonal distribution
Helle E; Valtonen ET
1981 Parasitology 82 (2) Apr 287-296 Wa
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Seasonal distribution
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1981 Research Vet Sc 30 (1) Jan 1-6 Wa
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Seasonal distribution
Horak IG
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Seasonal distribution
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Seasonal distribution
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Ixodes trianguliceps on small mammals, seasonal variations in infestation rate related to temperature, infestation rate on male, female, and juvenile hosts, natural and experimental transmission of Babesia microti, I. canisuga experimentally transmitted B. microti but less efficiently: north-western England

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Echinococcus granulosus, dogs, frequency survey, seasonal variations: Bangladesh

Seasonal distribution
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1979 Bull Soc Path Exot 72 (2) Mar-Apr 135-144 Wa
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1981 J Wildlife Dis 17 (1) Jan 79-87 Wa
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Seasonal distribution
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1978 J Wildlife Dis 14 (1) Jan 56-66 Wa
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Seasonal distribution
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1980 Vet Parasitol 7 (2) Sept 153-167 Wa
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Seasonal distribution
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1980 Japan J Exper Med 50 (5) Oct 375-382 Wa
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Kaufmann DL; Radtke ND
1980 Great Lakes Entom 13 (2) Summer 93-95 Wa
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Seasonal distribution
Kennedy CR
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Seasonal distribution
Kennedy CR
1981 Parasitology 82 (2) Apr 245-255 Wa
Tylodelphys podicipina, introduction, establishment, and population biology in perch in small lake, changes in prevalence, intensity, and dispersion of infection in each year class of host over period of 2 years, no evidence of parasite-induced host mortality: Britain

Seasonal distribution
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Clonorchis sinensis, humans, vectors, reservoir hosts, extensive ecological and prevalence survey in high and low endemicity areas (seasonal distribution, sex and age factors, transmission factors): Korea

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hoplopleurid lice of small mammals, seasonal relationships: Rangoon, Burma

Seasonal distribution
Kitron UD
1980 Parasitology 81 (2) Oct 235-249 Wa
Gammaridacarus orchestoideae on Orchestoidea corniculata, prevalence and intensity, seasonal variation, host sex, host size (age), host moult stage, reproductive condition of female hosts, frequency distribution of number of parasites per host, mean crowding index, patchiness, index of host mortality, field and laboratory observations: California

Seasonal distribution
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1981 Ann Trop Med and Parasitol 75 (3) June 299-314 Wa
Necator americanus, human, prevalence and intensity by age and sex, seasonal changes, morbidity (asthma, growth parameters, haemoglobin), total IgE levels, other parasites: The Gambia

Seasonal distribution
Knight SA; Janovy J jr; Current WL
1980 J Parasitol 66 (5) Oct 806-810 Wa
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Cochliomyia hominivorax, seasonal population dynamics May 1974 to Sept 1975: northern Veracruz, Mexico

Seasonal distribution
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Eimeria spp., goats (intestine), prevalence, seasonal variation, species composition in pure and mixed infections: Marathwada region

Seasonal distribution
Kumar N; Ruprah NS
1979 Indian Vet J 56 (11) Nov 912-915 Wa
Hyalomma anatolicum, cattle, buffaloes, predilection sites on host, seasonal incidence: Hissar

Seasonal distribution
Kuris AM; Poinar GO; Hess RT
1980 Parasitology 80 (2) Apr 211-232 Wa
Portunion conformis in Hemigrapsus oregonensis and H. nudus, parasite mortality in relation to season, geographic area, multiple infection, host size, parasite developmental stage, host sex, and host species; recovery of female host reproductive capability; morphology of host response: Pacific coast of North America

Seasonal distribution
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1980 Ang Parasitol 21 (2) May 82-90 Wa
helminths, game animals, review of monthly intensity and extensity of infection, prophylaxis, efficacy of various antiparasitics: Austria

Seasonal distribution
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Paramphistomum cervi, annual maturation in Alces alces, possible influence of host diet

Seasonal distribution
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1980 Tr Roy Soc Trop Med and Hyg 74 (1) 141-142 Wa
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1980 Vet Rec 107 (17) Oct 25 393-395 Wa
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Seasonal distribution
Lemma A et al
1979 Ethiop Med J 17 (3) July 63-74 Wm
Schistosoma mansoni, human, prevalence in relation to host age, sex, type of water source used, occupation, and socio-economic level; clinical observations; seasonal snail occurrence, speciation, and infection: Tensae Berhan, Ethiopia

Seasonal distribution
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1974 Bull Entom Research 64 (1) Aug 53-63 Wa
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Seasonal distribution
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1980 J Parasitol 66 (3) June 527-531 Wa
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Seasonal distribution
Leyva T; Canaris AG; Bristol JR
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Seasonal distribution
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Seasonal distribution
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Seasonal distribution
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Seasonal distribution
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Seasonal distribution
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1980 Am J Trop Med and Hyg 29 (4) July 538-544 Wa
Angiostrongylus costaricensis, 116 children with intestinal eosinophilic granuloma, prevalence, host age and sex, monthly distribution, clinical and laboratory findings, radiology, surgical treatment, location of lesions, macroscopic and microscopic changes, medical treatment, evolution of disease: Costa Rica

Seasonal distribution
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1980 Exper Parasitol 49 (2) Apr 175-187 Wa
Phocanema decipiens in Phoca vitulina and Halichoerus grypus (both nat. and exper.), parasite growth, reproduction, survival (in sensitizing and challenge infections), and sex ratio; parasite incidence in free-living hosts varied seasonally and with host age: Nova Scotia

Seasonal distribution
MacCulloch RD
1981 J Parasitol 67 (1) Feb 128-129 Wa
Placobdella parasitica on Chrysemys picta belli, prevalence and intensity May - August of 1978 and 1979, host age and sex, comparison with 1971 study in Pennsylvania: Saskatchewan

Seasonal distribution
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1979 Canad J Zool 57 (3) Mar 499-503 Wa
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Seasonal distribution
Mahrt JL
1981 J Parasitol 67 (2) Apr 277-278 Wa
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Seasonal distribution
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Coccidia in trade cattle, sheep, and goats, seasonal incidence in relation to temperature, humidity, and rainfall: Nigeria

Seasonal distribution
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1980 Am J Trop Med and Hyg 29 (3) May 435-441 Wa
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Seasonal distribution
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Eimeria spp., sheep, goats, age and seasonal dynamics: Kubakhachmassk zone, Azerbaidzhan SSR

Seasonal distribution
Martin JL; Huffman DG
1980 Proc Helminth Soc Washington 47 (2) July 247-255 Issued Aug 25 Wa
helminths of Sigmodon hispidus from 3 vegetational regions, density, incidence, variation due to season, and host habitat, size (age), and sex: near San Marcos, Texas

Seasonal distribution
Maske DK; Ruprah NS
1981 Indian J Animal Sc 51 (4) Apr 494-497 Wa
psoroptic mange, buffaloes, prevalence by season, climate, host sex and age, temperature, and relative humidity: Haryana, India

Seasonal distribution
Matthews BF
1981 Parasitology 83 (3) Dec 587-593 Wa
Cercaria vaullegeardi in Tigriopus brevicornis (haemocoel) (exper.), inoculative mechanism whereby cystophorous cercariae infect copepod 2nd intermediate host related to ultrastructure of cercaria and to feeding mechanics of harpacticoids, cercarial viability decreased with age and varied with season

Seasonal distribution
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Seasonal distribution
Mishra GS et al
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parasites, calves, coproscopic and hematoscopic survey, mortality rate in relation to host age and season of year: nord de la Cote-d'Ivoire

Seasonal distribution
Mitchell LG; Listebarger JK; Bailey WC
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Chloromyxum trijugum in centrarchids, seasonal prevalence of free-floating and attached plasmodia, histopathology, host specificity: Iowa

Seasonal distribution
Molineaux L et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 725-737 Wa
malaria, human, analysis of prevalence, incidence, and parasite density by season and age with respect to relationships among 3 Plasmodium spp. present, possible (immunological) explanations for observed excess of double infections of P. falciparum and P. malariae and of seasonal alternation between these 2 species: Garki District, Kano State, Nigeria

Seasonal distribution
Morii T et al
1981 Internat J Parasitol 11 (3) June 187-190 Wa
Leucocytozoon caulleryi, chickens, evaluation of immunodiffusion test for epizootiological surveys, comparison with parasitological diagnosis, some data on seasonal incidence in Japan, L. sabrazesi also found in Taiwan: Japan; Taiwan; Philippines; Singapore; Malaysia; Thailand

Seasonal distribution
Mudry DR; Arai HP
1973 Canad J Zool 51 (7) July 787-792 Wa
Hunterella nodulosa in Catostomus commersoni, incidence, intensity, and population size distribution, weight and length of host, seasonal changes in frequency distribution of worm size classes: Nose Creek, near Calgary, Alberta

Seasonal distribution
Muzzall PM
1980 J Parasitol 66 (1) Feb 127-133 Wa
3 acanthocephalan spp. in Catostomus commersoni, infection parameters, seasonal infection patterns, intestinal distribution, effect of host size and sex, occurrence in other hosts: SE New Hampshire

Seasonal distribution
Muzzall PM
1980 J Parasitol 66 (2) Apr 293-298 Wa
Triganodistomum attenuatum in Catostomus commersoni, seasonal infection patterns, intestinal distribution, prevalence and intensity in male and female hosts and in hosts of various size classes: New Hampshire

Seasonal distribution
Muzzall PM
1980 J Parasitol 66 (3) June 542-550 Wa
caryophyllaeid cestodes in Catostomus commersoni, prevalence and intensity, seasonal infection patterns, intestinal distribution, crowding effect, effect of host size: SE New Hampshire

Seasonal distribution
Muzzall PM
1980 Proc Helminth Soc Washington 47 (1) Jan 30-32 Issued Feb 15 Wa
Spathebothrium simplex in Liparis atlanticus (caecal and anterior intestinal area), prevalence and mean intensity (similar in males and females), stage of parasite maturation (gravid or non-gravid), coefficient of dispersion, seasonal distribution, effect of host length: New Hampshire

Seasonal distribution
Mzembe SAT; Chaudhry MA
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Fasciola gigantica, epidemiological cycle in cattle, proposed control programme: Malawi

Seasonal distribution
Nathan MB
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Culex quinquefasciatus, seasonal abundance, biting activity, physiological age composition of populations, daily survival rates, Wuchereria bancrofti infection and infectivity rates, correlation between physiological age and W. bancrofti development, growth of W. bancrofti in experimental infections; infective larva of W. bancrofti also found in one Anopheles aquasalis: North Trinidad, West Indies

Seasonal distribution
Nwosu ABC
1981 Ann Trop Med and Parasitol 75 (2) Apr 197-203 Wa
soil-transmitted intestinal nematodes, human, prevalence and worm burdens, household clustering of infections, age and sex relationships, seasonal fluctuations: 2 rural villages in southern Nigeria

Seasonal distribution
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Self-cure See Immunity

Self-infection See Disease transmission, Autoinfection

Serial passage See Passage

Serum proteins See Proteins

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Sex and parasitism [See also Reproduction]

Sex and parasitism
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Titmus G; Badcock RM
1981 Ztschr Parasitenk 65 (3) 353-357 Wa
mermithids, Einfeldia dissidens, morphometric changes in male and female hosts studied by canonical variates analysis, structural modifications discussed in relation to changes in host behaviour

Sex and parasitism
Wilson RA; Denison J
1980 Ztschr Parasitenk 61 (2) 109-119 Wa
Fasciola hepatica-infected Lymnaea truncatula (exper.), parasitic castration and gigantism; no significant difference between survival of infected vs. control snails

Sex of host
Abdel-Wahab MF et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 868-874 Wa
Schistosoma mansoni, human, prevalence, intensity, morbidity, host age and sex: Nile Delta village, Egypt

Sex of host
Ade-Serrano MA; Ejezie GC
1981 Ann Trop Med and Parasitol 75 (4) Aug 471-472 Wm
Tunga penetrans in school children, prevalence by age and sex: Oto-Ijanikin village, Badagry, Lagos State, Nigeria

Sex of host
Aikat BK et al
1978 Indian J Med Research 67 Mar 381-391 Wa
Entamoeba histolytica, human hepatic abscesses, 79 autopsy cases, host age and sex, clinicopathological manifestations

Sex of host
Aikat BK et al
1979 Indian J Med Research 70 Oct 563-570 Wa
kala-azar, humans, clinical profile of cases, age and sex incidence, controlled treatment regimen: Bihar

Sex of host
Al-Alousi TI; Latif BMA; Al-Shenawi FA
1980 Ann Trop Med and Parasitol 74 (5) Oct 503-506 Wa
leishmaniasis, children, diagnosis, indirect fluorescent antibody test using dried blood on filter paper, incidence in different provinces, age groups, and sexes: Iraq

Sex of host
Albiez EJ; Ganley JP; Buettner DW
1981 Tropenmed u Parasitol 32 (1) Mar 25-28 Wa
Onchocerca volvulus, human, clinical, parasitological, and ophthalmological data, host age and sex: hyperendemic village in rain forest of Liberia

Sex of host
Al-Taqi M; Behbehani K
1980 Ann Trop Med and Parasitol 74 (5) Oct 495-501 Wa
cutaneous leishmaniasis, human, clinical observations, host age and sex, seasonal incidence, geographical distribution, factors which may have led to spread of infection (including increase in economic activities, travellers and immigrants, change in ecological conditions): Kuwait

Sex of host
Ambu S; Kwa BH
1980 J Helminth 54 (1) Mar 43-44 Wa
Taenia taeniaeformis, susceptibility of 3 different strains of rat of different ages and both sexes

Sex of host
Amin OM; Burns LA; Redlin MJ
1980 Proc Helminth Soc Washington 47 (1) Jan 37-46 Issued Feb 15 Wa
Acanthocephalus parksidei in Caecidotea militaris, prevalence, intensity, developmental cycle, sex of parasite, age and sex of host, seasonal variations, analyses of parasite population distribution: Pike River, southeastern Wisconsin

Sex of host
Apt B, W
1980 Rev Med Chile 108 (3) Mar 203-209 Wm
Chagasic cardiomyopathy, humans, epidemiologic survey (including age and sex), clinical and electrocardiographic findings: Limari Valley, Chile

Sex of host
Arfaa F
1981 J Family Pract 12 (2) Feb 223-226 Wm
Intestinal parasites among Indochinese refugees and Mexican immigrants resettled in Contra Costa County, California, rates of infection varied with age and sex

Sex of host
Arribada A et al
1979 Rev Med Chile 107 (1) Jan 9-15 Wm
Chagas disease, epidemiologic and electrocardiographic survey of individuals of 7 villages for evidence of cardiomyopathy, comparisons by age and sex; concurrent survey for toxoplasmic infections: Elqui Valley, northern Chile

Sex of host
Ayala SC; Bradbury J; Bradbury S
1981 Ann Parasitol 56 (1) 21-22 Wa
Hepatocystis [carpenteri] in Hypsignathus monstrosus in relation to host age, sex, and (female) reproductive status: Gabon, West Africa

Sex of host
Ba O; Rolland A; Marshall TFC
1981 Tropenmed u Parasitol 32 (3) Sept 181-183 Wa
Onchocerca volvulus, human, relationships between microfilaruria, irreversible eye lesions, and microfilarial load in anterior segment of eye according to age and sex: North Benin

Sex of host
Bartholomew RK; Peters PAS; Jordan P
1981 Ann Trop Med and Parasitol 75 (4) Aug 401-405 Wm
Schistosoma mansoni in St. Lucian and Kenyan communities, comparative study using quantitative Kato thick smear stool examination technique, prevalence and intensity by age and sex, results underline importance of standardized investigative methods

Sex of host
Beauvais B et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 172-181 Wa
toxoplasmosis, human, serological survey, results in relation to host age and sex, climate-soil zone, and province (with inhabitants of diverse ethnic and socio-economic groups): Gabon

Sex of host
Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154 Wa
Probopyrus pandalicola on Palaemonetes paludosus, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida

Sex of host
Behbehani K; Al-Karmi T
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 209-212 Wa
Toxoplasma gondii, human, antibody prevalence in relation to host sex, age, and nationality: Kuwait

Sex of host
Behnke JM; Parish HA; Hagan P
1980 J Helminth 54 (3) Sept 173-182 Wa
Nematospiroides dubius, mice, course of primary infection with irradiated worms, male worms more susceptible to irradiation than females, worm survival related to extent of damage caused at time of irradiation but not dependent on host sex, number of worms inoculated, nor host immune response

Sex of host
Bella H et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 36-39 Wa
Schistosoma mansoni, migrant workers, prevalence (by age, sex, ethnic group, and area), morbidity: Gezira, Sudan

Sex of host
Bennett GF; Turner B; Holton G
1981 J Wildlife Dis 17 (2) Apr 213-215 Wa
hematozoa, Olor buccinator, prevalence in cygnets, second year, and adult swans, sex of host: Grande Prairie region, Alberta

Sex of host
Bhai I; Pandey AK
1981 Internat J Parasitol 11 (5) Oct 377-379 Wa
Ancylostoma caninum, thyroxine treatment significantly increased susceptibility of female (but not male) mice to infection, more hyperthyroid females died following infection than control females

Sex of host
Bickle Q et al
1980 Exper Parasitol 50 (2) Oct 222-232 Wa
Schistosoma mansoni, mice, influence of host's sex, age, and strain on resistance to reinfection

Sex of host
Bienzle U; Guggenmoos-Holzmann I; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 9-15 Wm
malaria in children (mostly Plasmodium falciparum) living in holoendemic malaria region, clinical parameters such as parasitaemia and degree of anaemia examined with respect to sex, age, haemoglobin types, and erythrocyte glucose-G-phosphate dehydrogenase variants: West Africa

Sex of host
Blancou J et al
1980 Rev Med Vet Toulouse 131 (4) Apr 305-314 Wa
parasites of Capreolus capreolus, coproscopic results grouped by host age and sex: foret des Trois-Fontaines pres de Saint-Dizier (Haute-Marne)

Sex of host
Bonucci E; Brinkmann UK; Onori E
1979 Tropenmed u Parasitol 30 (4) Dec 489-498 Wa
onchocerciasis, human, prevalence and pathological findings by age and sex, histologic changes in upper layers of dermis compared with macroscopical lesions observed, microfilariae found in number of skin snips although they had been submerged in saline for 24 hours: Southern Togo

Sex of host
Brandling-Bennett AD et al
1981 Am J Trop Med and Hyg 30 (5) Sept 970-981 Wa
Onchocerca volvulus, human, prevalence and intensity, host age and sex, type of work, nodules and nodulectomy, ocular infection, quantitative relationships: Guatemala

Sex of host
Brennan RO; Durack DT
1981 Lancet London (8259) 2 Dec 12 1338-1339 Wa
Pneumocystis carinii, contributing organism in newly recognized syndrome of opportunistic infections in homosexual males, named 'gay compromise syndrome' as those infected seem to be severely immunocompromised, brief clinical discussion, case report

Sex of host
Briese LA; Smith MH
1980 J Mamm 61 (4) Nov 763-766 Wa
Mastophorus muris ascaroides in Sigmodon hispidus (stomach), rate of infection varies with host age but not with season or host sex, effect of parasitism on host body composition (15 elements plus fat, ash, and water content) appears to be slight: near Aiken, South Carolina

Sex of host
Brindley PJ; Dobson C
1981 Parasitology 83 (1) Aug 51-65 Wa
Nematospiroides dubius, genetic control of liability to infection in Mus musculus, selection of refractory and liable host populations, females less liable than males

Sex of host
Bristol JR et al
1981 J Parasitol 67 (2) Apr 276-277 Wa
Tyzzeria pellerdyi in Anas spp. (intestinal contents), more male ducks infected than females, no difference in infection levels between adult and juvenile birds, failure to transmit oocysts to Anas platyrhynchos domestica: central flyway, Texas (Hudspeth Co.)

Sex of host
Buckle A; Harris S
1980 J Zool London 190 (3) Mar 431-439 Wa
flea epifauna of suburban Vulpes vulpes population, infestation levels, host age and sex, seasonal variation, foxes probably obtain majority of their fleas from habitat through which they move rather than from prey items: suburban London

Sex of host
Burkholder JE; Allison TC; Kelly VP
1980 J Parasitol 66 (2) Apr 305-311 Wa
Trypanosoma cruzi, occurrence in triatomids and rodents (greater infection rate in male than in female Neotoma micropus), serological studies in other wild and domestic mammals and in humans: Texas

Sex of host
Bussieras J; Chermette R
1980 Rec Med Vet 156 (9) Sept 605-608 Wa
Demodex folliculorum, dogs, clinical signs, sex, age, and breed of host, amitraz, tolerance, results of 2 year study

Sex of host
Calderon C; Reyes H
1974 Rev Med Chile 102 (2) Feb 118-119 Wm
Demodex folliculorum, incidence in human eye lashes (most occurred in males), autopsy survey, first reports in Chile

Sex of host
Carme B; Laigret J
1978 Bull Soc Path Exot 71 (6) Nov-Dec 455-465 Wa
Wuchereria bancrofti var. pacifica, humans, elephantiasis and lymphatic involvement, incidence and localization (surveyed according to sex), some epidemiological factors: French Polynesia

Sex of host
Cawthorn RJ; Anderson RC
1980 J Wildlife Dis 16 (3) July 363-365 Wa
Diplotriaena tricuspis in Corvus brachyrhynchos (air sacs), prevalence and intensity of infection, sex of parasite, age and sex of host: Essex County, southwestern Ontario

Sex of host
Cechova L; Leifertova I; Lisa M
1981 Sborn Lekar 83 (1) 41-45 Wm
Entamoeba gingivalis, humans, incidence survey (by age and sex): Czechoslovakia

Sex of host
Chakrabarti A et al
1981 Ann Trop Med and Parasitol 75 (3) June 353-357 Wa
Sarcoptes scabiei var. bubalis, human scabies from contact with infested water buffaloes, clinical symptoms, incidence, recovery rate of mites, occupations (animal attendants and milkmen), age and sex distribution, distribution of sites of lesions: Calcutta, India

Sex of host
Chamorro-Mera C; Hurtado-Lopez M; Angel-Arango E
1979 Rev Interam Radiol 4 (2) Apr 63-73 Wm
Toxoplasma gondii, clinical, radiological, and pathological findings of 44 cases, intracranial calcification of diagnostic significance, mostly males and neonates affected

Sex of host
Chaves FJZC et al
1977 Am J Gastroenterol 68 (2) Aug 134-139 Wm
E[ntamoeba] histolytica, assessment of clinical and pathological findings in 56 patients with hepatic abscesses, male black patients 20-39 years old were most frequently affected: Luanda University Hospital, Angola

Sex of host
Chernin J
1981 J Helminth 55 (3) Sept 209-222 Wa
Taenia crassiceps in males and females of several different strains of rats, host growth curves, volume, antigenicity, and size of metacestodes

Sex of host
Chhabra MB; Mahajan RC
[1980] Riv Parassitol Roma 39 (2-3) 1978 39-43 Issued Jan Wa
Toxoplasma gondii, sero-prevalence in Bubalus bubalis, according to age and sex of host

Sex of host
Chlebowsky HO; Zielke E
1980 Tropenmed u Parasitol 31 (3) Sept 339-344 Wa
Wuchereria bancrofti, Onchocerca volvulus, human, single or mixed infections, host age and sex, side effects observed during diethylcarbamazine treatment campaign: Liberia

Sex of host
Chopra JS; Kaur U; Mahajan RC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 518-520 Wa
Cysticercus cellulosae (Taenia solium), human, cysticercus haemagglutination test used to estimate probable incidence of seropositivity, almost equal in male and female patients, less in children than adults, did not appear to be related to duration of epilepsy

Sex of host
Chung PR; Chang JK; Soh CT
1975 Yonsei Rep Trop Med 6 (1) Nov 31-36 Wm
Toxoplasma gondii-infected mice treated with cortisone, acceleration in development of Toxoplasma cysts in tissue, suppression of macrophage supply into peritoneal cavity, most mice that died were males

Sex of host
Coffman CC
1972 Diss (South Dakota State Univ) 107 pp Ann Arbor Michigan Wa(DISS 72-33,332)
Geomylichus geomydis n. sp. from Geomys b. bursarius, rates of infestation by season, sex of host, and age of host, statistical analysis and comparison with 4 other major ectoparasite populations (parasite age & sex structures, total and mean population densities, mean seasonal percent), distribution and behavior on host body, observations on eggs, survival after removal from host, body weights, life cycle

Sex of host
Collins WE et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1220-1222 Wa
Onchocerca volvulus, human, indirect fluorescent antibody test using fixed-tissue sections of adult worms as antigen, antibody responses in relation to host age, sex, presence or absence of microfilariae, and microfilarial density, application in epidemiological studies appears limited until level of false negative responses is markedly reduced: Guatemala

Sex of host
Crompton DWT et al
1981 Internat J Parasitol 11 (6) Dec 457-461 Wa
Moniliformis dubius-infected male and female rats fed on diets containing growth-limiting amounts of fructose, food intake, weight gain, and blood sugar; numbers, sex ratio, dry weight, and location of parasites in small intestine of hosts; results can be interpreted to suggest competition for dietary fructose between parasite and host

Sex of host
Cross JH; Basaca-Sevilla V
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 262-274 Wa
intestinal parasitic infections, Southeast Asian populations, prevalence by age and sex, fecal and serological survey: Philippine Islands and Indonesia

Sex of host
Custer JW; Pence DB
1981 J Parasitol 67 (3) June 289-307 Wa
helminths of wild canids (Canis rufus, C. latrans, and their hybrids), prevalence, density, effect of hosts' age, sex, and taxonomic category, helminth species associations, sex ratio of heartworms and hookworms, host heart and spleen weights, geographical diversity, organization of species in helminth communities (importance values, multivariate analyses): Gulf Coastal prairies of Texas and Louisiana compared with other regions in North America

Sex of host
Custer JW; Pence DB
1981 Vet Parasitol 8 (1) Feb 71-82 Wa
Dirofilaria immitis from Canis latrans, C. rufus gregoryi, and C. latrans x C. rufus gregoryi hybrids, prevalence and intensity, host age and sex, parasite sex ratio and localization, pathological responses, wild canids from this area are regarded as natural definitive hosts and primary reservoirs for heartworms, appears that this infection is important factor in morbidity and mortality of these hosts: Gulf coastal prairies of Texas and Louisiana, U.S.A.

Sex of host
Dada BJO
1980 J Helminth 54 (4) Dec 281-286 Wa
taeniasis, cysticercosis, hydatidosis, human, prevalence based on retrospective analysis of hospital records, distribution of taeniasis by host age and sex, hydatid disease recorded only once and cysticercosis not recorded at all: Nigeria

Sex of host
Dar MS et al
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 303-306 Wa
Oestrus ovis, human ophthalmomyiasis, incidence, seasonal variation, host age and sex distribution, typical case history: Benghazi area, Eastern Libya

Sex of host
Dawkins HJS et al
1980 Internat J Parasitol 10 (2) Apr 125-129 Wa
Strongyloides ratti, 11 inbred strains of mice and 1 outbred strain, susceptibility to infection, effect of host age, host sex, dose, and route of injection, resistance to challenge infection; C57Bl/6 and CBA mice may provide useful model hosts

Sex of host
DeVaney JA; Beerwinkle KR
1980 Poultry Science 59 (6) June 1226-1228 Wa
Ornithonyssus sylviarum, White Leghorn chickens (exper.), effective control on hens but not roosters by clipping feathers in vent area to 2-3 mm length, effect on egg production

Sex of host
DeVaney JA; Ziprin RL
1980 Poultry Science 59 (1) Jan 34-37 Wa
Ornithonyssus sylviarum-infested roosters and hens (exper.), correlation of sera antibodies with level of mite population

Sex of host
Djibrilla Kaou B et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 442-450 Wa
leishmaniasis, human cutaneous infections, epidemiological aspects (age, sex, seasonal distribution, localization of lesions): Nord Cameroun

Sex of host
Domingo EO et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 858-867 Wa
Schistosoma japonicum, human, prevalence, intensity, morbidity, host age and sex: Leyte, Philippines

Sex of host
Draeger N; Paine GD
1980 J Wildlife Dis 16 (4) Oct 521-524 Wa
Demodex cafferi in Syncerus caffer caffer (skin), sex and age prevalence, histopathology: Savuti, Chobe National Park, Botswana; Khwai, Ngamiland, Botswana

Sex of host
Durden LA
1980 J Med Entom 17 (5) Sept 30 483-484 Wa
fleas and lice of Sciurus carolinensis, seasonal abundance, male hosts more heavily infested than females: Nashville, Davidson Co., Tennessee

Sex of host
Dutta SN; Diesfeld HJ
1978 Indian J Med Research 67 Apr 553-561 Wa
W[uchereria] bancrofti, human, indirect immunofluorescent test using Dipetalonema viteae antigen, titres in relation to microfilarial density and host age and sex, comparison of subjects from non-endemic area with those from endemic area around Dhanbad coalmines

Sex of host
Dwivedi MP
1977 Indian J Helminth 27 (1) Mar 1975 25-32 Issued Mar 19 Wa
trematodes of Rana tigrina, seasonal incidence and intensity level of parasitism higher in male frogs: ten kilometers around Chhindwara, M. P.

Sex of host
Dyer WG; Brandon RA; Price RL
1980 Proc Helminth Soc Washington 47 (1) Jan 95-99 Issued Feb 15 Wa
gastrointestinal helminths of Desmognathus fuscus, relationship of prevalence and intensity to age and sex of host: southern Illinois

Sex of host
El Khamlichi A et al
1980 Maroc Med [n s] 2 (1) Mar 85-90 Wm
echinococcosis, ataxic forms of cerebral hydatid cysts, affect children and mostly female children, case reviews, clinical reviews

Sex of host
El-Shabrawy MN; Imam EA
1979 Vet Med J Giza 26 (26) 1978 207-214 Issued Aug 8 Wa
intestinal protozoa (with some illustrations and descriptions), dogs, incidence higher in old vs. young and males vs. females: Cairo, Giza and their suburbs, Egypt

Sex of host
Felgner P et al
1981 Tropenmed u Parasitol 32 (3) Sept 134-140 Wa
Trypanosoma brucei gambiense, human, prevalence by age and sex, parasitological examination (hematocrit centrifugation technique, subinoculation into Mastomys natalensis, miniature anion exchange centrifugation method), immunodiagnostic examination (enzyme-linked immunosorbent assay, indirect immunofluorescent test, radial immunodiffusion for IgM concentrations): Ivory Coast; Upper Volta

Sex of host
Ferraroni JJ; Hayes J
1979 Acta Amazonica 9 (3) Sept 471-479 Wa
Plasmodium falciparum, P. vivax, humans, incidence by age, sex, month, and year: Amazonas, Brasil

Sex of host
Foba-Pagou R et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 171-178 Wa
intestinal helminths, humans, prevalence survey (by age and sex) before and after mebendazole therapy, results of meat inspection at local abbatoirs for presence of Cysticercus bovis: Cameroun

Sex of host
Frenkel JK; Ruiz A
1980 Am J Trop Med and Hyg 29 (6) Nov 1167-1180 Wa
Toxoplasma gondii, human, prevalence and distribution of antibody titers by age; antibody prevalence and cat contact; correlation of antibody status with preparation of meat and eggs; correlation with cat and soil contact; antibody prevalence by economic status, residence, and cat contact; type of kitchen floor and cat contact; occupation, sex, and antibody prevalence; animal contact: Costa Rica

Sex of host
Fuller GK; Fuller DC
1981 Am J Trop Med and Hyg 30 (3) May 645-652 Wa
Echinococcus granulosus, human, survey, cliniical findings, indirect hemagglutination test results, hydatid skin test results (marked sex differences in positivity): Ethiopia

Sex of host
Fuller GK; Lemma A; Haile T
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 205-208 Wa
people with varying histories of exposure to Trypanosoma and Leishmania, comparison of skin-test responses using antigen from Leishmania donovani and a lizard trypanosome, sex differences: Ethiopia

Sex of host
Gentilini M et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 455-460 Wa
imported malaria, human, 443 cases from 1970 to 1979, annual and monthly distribution, species of plasmodia, nationality, origin of infection, host age and sex, incubation period, signs and symptoms, diagnosis, circumstances of appearance, treatment: hospital in Paris, France

Sex of host
Ghorbani M; Edrissian GH; Afshar A
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 38-40 Wa
toxoplasmosis, human, distribution of antibodies by age group, sex, and ethnic group: mountainous regions of north-west and south-west parts of Iran

Sex of host
Gibney VJ; Campbell JB
1981 J Kansas Entom Soc 54 (3) July 531-536 Issued July 17 Wa
Polyplax spinulosa, rats (exper.), effect of riboflavin (vitamin B-2)-deficient ration on infestation levels, results indicate increased host susceptibility; no correlation between host sex and infestation level

Sex of host
Glicken A; Schwab RG
1980 J Wildlife Dis 16 (4) Oct 577-586 Wa
ectoparasites, Peromyscus maniculatus, rates of reinfestation after ectoparasite-free mice were returned to natural habitat, sex and age of host: Tule Lake National Wildlife Refuge, Siskiyou County, California

Sex of host
Glowniak C; Kowalska G
1979 Wiadom Lekar 32 (17) Sept 1 1205-1212 Wm
Lamblia intestinalis and intestinal helminths, children up to 1 year of age, incidence survey (by age and sex): Province of Rzeszow, Poland

Sex of host
Gordon MJ; Swan BK; Paterson CG
1979 Canad J Zool 57 (9) Sept 1748-1756 Wa
Unionicola formosa in Anodonta cataracta, life history, seasonal variations, incidence of infection and host loading increases with host length, no selectivity for host sex, parasite sex ratio and male-female associations

Sex of host
Gottlieb B et al
1980 Rev Chilena Pediat 51 (6) Nov-Dec 424-428 Wm
Enterobius vermicularis, young girls, high incidence of association with vaginal infections but seldom associated with urinary tract infections: Chile

Sex of host
Grainger CR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 296-299 Wa
Pediculus humanus capitis, children, incidence in relation to age, sex, urban vs. rural areas, and social background: Mahe, Seychelles

Sex of host
Gregory MW
1981 Parasitology 82 (1) Feb 149-157 Wa
mites of Erinaceus albiventris, prevalence, density, distribution on body, symptoms, gross lesions, histology; Notoedres oudemansi, description of male mite, male hosts particularly affected: Nairobi area of Kenya

Sex of host
Hall CA; Martin ICA; McDonell PA
1980 Research Vet Sc 29 (2) Sept 181-185 Wa
Lucilia cuprina, merino sheep, method described for showing differences in moisture content of wool according to anatomical site, age, sex, strain of merino, and lesions of active flystrike, incidence of natural flystrike recorded and related to higher levels of moisture content

Sex of host
Hamilton WD
1980 Oikos 35 (2) Oct 282-290 Wa
parasite pressure as an evolutionary factor sufficiently general to account for host sex wherever it exists, 2 models (one-locus diploid selection and two-locus haploid selection)

Sex of host
Haq N; Reisen WK; Aslamkhan M
1981 J Invert Path 37 (3) May 236-242 Wa
Nosema algerae in Anopheles stephensi (exper.), effects of different spore dosages on horizontal life table attributes of mosquitoes reared under controlled insectary conditions, implications for biological control of this malaria vector mosquito

Sex of host
Harlos J; Brust RA; Galloway TD
1980 Canad J Zool 58 (2) Feb 215-220 Wa
Culicimermis sp. reared through 4 successive generations in Aedes vexans, effect of host diet, host sex, and multiple parasitism on size of postparasites, effect of parasitism on ovarian development of host: Manitoba, Canada

Sex of host
Hashemi-Nasab A; Zadeh-Shirazi H
1980 J Trop Med and Hyg 83 (3) June 119-122 Wa
visceral leishmaniasis (kala-azar), 130 cases, age and sex distribution, clinical and haematological data, mortality rate, complications, response to therapy, use of immunofluorescence for diagnosis: Fars Province, Iran

Sex of host
Hassan HA; Ezzat W; Lebshtein A
1979 J Egypt Pub Health Ass 54 (1-2) 65-75 Wm
scabies, primary school children, increasing incidence, epidemiological survey shows that those most affected are older boys and those from overcrowded homes that lack cleanliness: Cairo, Egypt

Sex of host
Healing TD
1981 Parasitology 83 (1) Aug 179-189 Wa
blood parasites in small rodents, prevalence in relation to year, season, host age, and host sex, concurrent infections: British Isles

Sex of host
Heufelder GR; Schneeberger PJ
1980 Tr Am Fish Soc 109 (1) Jan 142-144 Wa
Leptorhynchoides thecatus in Cottus cognatus (stomach and intestine), relationship between parasite density and fish length and sex: eastern Lake Michigan

Sex of host
Hiatt RA et al
1980 AM J Trop Med and Hyg 29 (6) Nov 1228-1240 Wa
Schistosoma mansoni, prospective community-based study of infection after interruption of transmission by nonchemotherapeutic control measures, snail occurrence and infection rates, prevalence and intensity of human infections by age and sex, incidence of new infections, water-contact behavior, socio-economic factors, results show slow decline in prevalence and intensity despite low rate of transmission: Boqueron, Puerto Rico

Sex of host
Hillyer GV; Lluberes R; Ramirez Ronda C
1981 Bol Asoc Med Puerto Rico 73 (2) Feb 50-55 Wm
Schistosoma mansoni, humans, incidence survey (by age and sex) using the circumoval precipitin test, findings suggest that infection is more widespread than previously reported: Puerto Rico

Sex of host
Hira PR; Patel BG
1980 Trop and Geogr Med 32 (1) Mar 23-29 Wa
Strongyloides fuelleborni, humans, diagnosis in fecal material, culture to free living stage, prevalence compared with S. stercoralis, sex and age groups of patients, possibly endemic in man rather than zoonotic: Zambia

Sex of host
Hubert GF jr; Kick TJ; Andrews RD
1980 J Wildlife Dis 16 (2) Apr 229-232 Wa
Dirofilaria immitis in Vulpes vulpes (right ventricles), prevalence, no difference in rate of infection between male and female foxes: Illinois

Sex of host
Huldt G; Lagercrantz R; Sheehe PR
1979 Acta Paediat Scand 68 (5) Sept 745-749 Wm
Toxoplasma, epidemiology, especially in children: Scandinavia

Sex of host
Hurley JC; Day KP; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (3) June 231-240 Wa
Nematospiroides dubius, accelerated rejection of intestinal worms in mice sensitized with adult worms or worm products by various routes, host age, sex, and strain as factors; some slight degree of cross-sensitization with Nippostrongylus brasiliensis

Sex of host
Hussein HS
1980 Ann Trop Med and Parasitol 74 (5) Oct 531-539 Wa
Ixodes trianguliceps on small mammals, seasonal variations in infestation rate related to temperature, infestation rate on male, female, and juvenile hosts, natural and experimental transmission of Babesia microti, I. canisuga experimentally transmitted B. microti but less efficiently: north-western England

Sex of host
Ikeda T et al
[1980] J Parasitol 65 (6) Dec 1979 855-861 Issued Apr 2 Wa
Onchocerca volvulus, human, evaluation of indirect hemagglutination test for serodiagnostic purposes and sero-epidemiological analysis, age and sex distribution of IHA positives in areas of high, medium, and low endemicity: Guatemala

Sex of host
Irvin AD et al
1981 Internat J Parasitol 11 (3) June 251-255 Wa
Babesia rodhaini and B. microti infections in intact, surgically splenectomised, and congenitally asplenic (Dh/+) mice, differences in susceptibility, Dh/+ mice could prove of value in study of natural killer cell activity; male mice were more susceptible than females

Sex of host
Irvin AD et al
1981 Parasitology 82 (1) Feb 137-147 Wa
Theileria parva, rapid method for preparing and staining salivary glands of infected Rhipicephalus appendiculatus, application of technique in series of studies monitoring protozoal infection in adult ticks, female ticks consistently more highly infected than males

Sex of host
Issoufa H; Monekosso G; Ripert C
1979 Bull Soc Path Exot 72 (2) Mar-Apr 135-144 Wa
dracontiasis, humans, epidemiology, incidence by age and sex, seasonal distribution, body localizations, worm burden: endemic area of Nord-Cameroun

Sex of host
Jacobson HA; Hetrick MS; Guynn DC
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Babesia microti, survey to identify reservoir hosts of human babesiosis with particular emphasis on Peromyscus leucopus (prevalence and intensity of infection, seasonal distribution, host age and sex): islands along New England coast

Sex of host
Stanghellini A; Duvallet G
1981 Tropenmed u Parasitol 32 (3) Sept 141-144 Wa
Trypanosoma gambiense, human, distribution in population by village, ethnic group, sex, and age, highest incidence among men in age-groups 10 to 30 and among immigrants from Upper Volta: Ivory Coast

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Stuerchler D et al
1980 Tropenmed u Parasitol 31 (1) Mar 87-93 Wa
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Sudomo M et al
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 451-460 Wa
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Sex of host
Tanaka H et al
1980 Japan J Exper Med 50 (2) Apr 85-89 Wa
Wuchereria bancrofti, survey, high prevalence in indigenous tribes, host age and sex distribution, periodicity: Northern Mindanao, Philippines

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Tayo MA; Pugh RNH; Bradley AK
1980 Ann Trop Med and Parasitol 74 (3) June 347-354 Wa
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Thomas V; Sinniah B; Yap PL
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 119-125 Wa
Toxoplasma gondii, human, indirect fluorescent antibody prevalence in relation to age group, sex, and ethnic group, prevalence of specific IgM antibodies: Malaysia

Sex of host
Thurston DR; Strout RG
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Parelaphostrongylus tenuis in Odocoileus virginianus (cranial cavity), prevalence and intensity of infection by host age, sex, and habitat, localization: New Hampshire

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1981 Ztschr Parasitenk 65 (3) 353-357 Wa
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1965 Ztschr Tropenmed u Parasitol 16 (2) July 109-125 Wa
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Watson RA; Dick TA
1980 J Fish Biol 17 (3) Sept 255-261 Wa
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Weinmann CJ; Garcia R
1980 J Wildlife Dis 16 (2) Apr 217-221 Wa
heartworms, Canis latrans, age-sex prevalence: El Dorado County, California

Sex of host
White TR et al
1981 J Helminth 55 (3) Sept 167-171 Wa
Mesocestoides corti, mice, invasion of thorax and lungs by tetrathyridia, occurrence of small bodies in peritoneal cavity, phenomena not influenced by host strain or sex or route of administration of tetrathyridial inocula

Sex of host
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1981 J Parasitol 67 (4) Aug 540-547 Wa
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Sex of host
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Schistosoma japonicum, population of rural community, quantitative aspects of epidemiological study, prevalence and intensity assessed according to age and sex of hosts, and to pathological findings: Luzon, Philippines

Sex of host
Yazwinski TA et al
1980 J Animal Sc 51 (2) Aug 279-284 Wa
Haemonchus contortus, lambs (exper.), breed differences in resistance, effect of host breed and sex on their physiological responses when given sensitizing infections of larvae followed by challenge infection

Sex of host
Young VE; Pence DB
1979 Proc Helminth Soc Washington 46 (1) Jan 28-35 Issued Mar 14 Wa
Pterygodermatites cahirensis from Canis latrans (upper intestine), redescription, synonymy, female-male ratios in male, female, and combined sexes of coyote, age of host, affinities with Ancylostoma caninum may be due to apparently independent preference of both species for younger immunologically tolerant hosts: Texas

Sex of host
Zembrzuski K
1980 Pediat Polska 55 (10) 1143-1148 Wm
taeniasis, human intestinal infections, increasing incidence, age and sex factors: Poland

Sex of parasite
Amin OM; Burns LA; Redlin MJ
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Acanthocephalus parksidei in Caecidotea militaris, prevalence, intensity, developmental cycle, sex of parasite, age and sex of host, seasonal variations, analyses of parasite population distribution: Pike River, southeastern Wisconsin

Sex of parasite
Amin OM; Redlin MJ
1980 System Parasitol 2 (1) Dec 9-20 Wa
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Sex of parasite
Anderson JF; Magnarelli LA
1980 J Med Entom 17 (4) July 31 314-323 Wa
ixodid ticks of vertebrates, infestation levels, seasonal geographical distribution, parasite sex ratios, age of parasite; field studies suggest some Dermacentor variabilis and Ixodes dammini may have 2-year life cycles: Connecticut

Sex of parasite
Arlian LG et al
1981 Am J Vet Research 42 (10) Oct 1782-1784 Wa
Psoroptes cuniculi, off-host survival times for male and female mites as function of ambient temperature and relative humidity conditions, implications for control of transmission

Sex of parasite
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1980 Nature London (5746) 283 Jan 31 478-479 Wa
Schistosoma mansoni, biochemical basis of continuous copulation: male worm retains little of protein it produces in greatest abundance and this protein is electrophoretically identical to most abundant protein found in, but not synthesized by, the female

Sex of parasite
Axtell RC; LeFurgey A
1979 J Med Entom 16 (3) Oct 12 173-179 Wa
4 species of ixodid ticks, foveae dorsales and foveal glands compared in males and females, gross internal and external structure, scanning electron microscopy

Sex of parasite
Barnard DR
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Amblyomma americanum, classification into 3 growth classes of female ticks feeding on bovines; density of nymphs, larvae, and adult male and female ticks parasitic on bovines vs. free-living on pasture in different months, concluded that CO_2 and drag samples of nonparasitic ticks did not accurately reflect levels of tick infestation on bovines: Oklahoma

Sex of parasite
Beaucournu JC; Rahm U
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Siphonaptera of rodents and insectivores, survey, data on preferred hosts, dates of capture in relation to rainfall, altitude of collecting sites, and sex ratios: Zaire

Sex of parasite
Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154 Wa
Probopyrus pandalicola on Palaemonetes paludosus, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida

Sex of parasite
Beckett R; Pike AW
1980 J Helminth 54 (2) June 87-91 Wa
Nematospiroides dubius mating activity and sex ratio in infections of laboratory mice in relation to time post-infection, population size, and ontogenetic migration

Sex of parasite
Behnke JM; Parish HA; Hagan P
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Nematospiroides dubius, mice, course of primary infection with irradiated worms, male worms more susceptible to irradiation than females, worm survival related to extent of damage caused at time of irradiation but not dependent on host sex, number of worms inoculated, nor host immune response

Sex of parasite
Beveridge I; Kummerow EL; Wilkinson P
1980 Tropenmed u Parasitol 31 (1) Mar 75-81 Wa
Onchocerca gibsoni in Bos indicus and Bos taurus, prevalence and intensity of nodules and microfilariae in cows of different age classes, nodule size and contents, observations on male and female worms and on degeneration of female worms: Australia

Sex of parasite
Bogitsh BJ; Carter OS
1980 Exper Parasitol 49 (3) June 319-327 Wa
Schistosoma mansoni, effect of colchicine on in vitro uptake and incorporation of proline in tegument of male vs. female adults, on cytochemical localization of alkaline phosphatase in tegumental invaginations, and on tegumental and subtegumental morphology

Sex of parasite
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Nippostrongylus brasiliensis males vs. females, influence of previous mating and of in vivo (in mice) exposure to actidione (growth inhibitor) on in vitro response to sex pheromones

Sex of parasite
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Cochliomyia hominivorax, effect of swormlure-2 and its individual chemical components on sexual behavior of males vs. females 0 to 7 days old, laboratory studies

Sex of parasite
Buriro SN
1979 Pakistan J Zool 11 (2) 221-224 Wa
Argas (Persicargas) persicus, role in transmission of Borrelia anserina in poultry, infection more frequent in male ticks than in female

Sex of parasite
Camp JW jr; Huizinga HW
1980 J Parasitol 66 (2) Apr 299-304 Wa
Acanthocephalus dirus in Semotilus atromaculatus and Asellus intermedius, seasonal population interactions, prevalence and density, host size, parasite localization in intestine, parasite sex ratios: Illinois

Sex of parasite
Castanheira EB; Gazzinelli G; Figueiredo EA
1981 Comp Biochem and Physiol 68B (3) 467-472 Wa
Schistosoma mansoni, key enzymes of carbohydrate metabolism, activities and isoenzyme electrophoretic patterns in relation to parasite developmental stage and sex and to host origin (permissive vs. non-permissive)

Sex of parasite
Cawthorn RJ; Anderson RC
1980 J Wildlife Dis 16 (3) July 363-365 Wa
Diplotriaena tricuspis in Corvus brachyrhynchos (air sacs), prevalence and intensity of infection, sex of parasite, age and sex of host: Essex County, southwestern Ontario

Sex of parasite
Chamberlain WF; Hopkins DE
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Sex of parasite
Christensen NO et al
1981 Ztschr Parasitenk 65 (3) 293-298 Wa
Schistosoma spp., primary mixed-sex vs. single-sex infections, mice, cross-resistance to challenge with Fasciola hepatica and Echinostoma revolutum

Sex of parasite
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1981 Parasitology 82 (2) Apr 257-261 Wa
Haemonchus contortus, development, composition, and maintenance of experimental populations in sheep: relation between worm body length, dry weight, and age, growth curves, variations in sex ratio for infections of different ages, rate of expulsion

Sex of parasite
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1972 Diss (South Dakota State Univ) 107 pp Ann Arbor Michigan Wa(DISS 72-33,332)
Geomylichus geomydis n. sp. from Geomys b. bursarius, rates of infestation by season, sex of host, and age of host, statistical analysis and comparison with 4 other major ectoparasite populations (parasite age & sex structures, total and mean population densities, mean seasonal percent), distribution and behavior on host body, observations on eggs, survival after removal from host, body weights, life cycle

Sex of parasite
Cook IM; Spain AV
1981 Austral J Zool 29 (1) 7-14 Wa
Haematobia irritans exigua, immature stages, rates of development in relation to temperature and dung moisture levels, female pupae developed more rapidly than male pupae at all temperatures

Sex of parasite
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1981 Tr Roy Soc Trop Med and Hyg 75 (4) 594-596 Wa
Isospora (Toxoplasma) gondii, sex determination and sex differentiation

Sex of parasite
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Schistosomatium douthitti, transintegumental glucose uptake in male and female worms, possible implications for male-female nutritional relationships

Sex of parasite
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Schistosoma spp., comparison of hexose assimilation in paired and unpaired males and females, glycogen and protein content of paired and unpaired males and females, demonstration of glucose transfer from males to females

Sex of parasite
Cornish RA; Wilkes J; Mettrick DF
1981 J Parasitol 67 (5) Oct 754-756 Wa
Moniliformis dubius adults, concentrations of some of metabolites in pathway of glucose metabolism, identification of possible regulatory enzymes, differences between male and female worms

Sex of parasite
Costa HMA et al
1979 Rev Inst Med Trop S Paulo 21 (2) Mar-Apr 67-71 Wm
Ancylostoma caninum-infected dogs, worm density in relation to sex of worms and number of parasite eggs per gram of feces

Sex of parasite
Crompton DWT et al
1981 Internat J Parasitol 11 (6) Dec 457-461 Wa
Moniliformis dubius-infected male and female rats fed on diets containing growth-limiting amounts of fructose, food intake, weight gain, and blood sugar; numbers, sex ratio, dry weight, and location of parasites in small intestine of hosts; results can be interpreted to suggest competition for dietary fructose between parasite and host

Sex of parasite
Crystal MM
1978 J Med Entom 15 (1), Nov 7 85-86 Wa
Cochliomyia hominivorax, influence of sex ratio on primiparous fertility of caged populations

Sex of parasite
Crystal MM
1979 J Med Entom 15 (2) Feb 8 103-108 Wa
Cochliomyia hominivorax sterilization, optimum combination of dose, age, and developmental stage at time of irradiation that would not affect mating competitiveness and longevity

Sex of parasite
Custer JW; Pence DB
1981 J Parasitol 67 (3) June 289-307 Wa
helminths of wild canids (Canis rufus, C. latrans, and their hybrids), prevalence, density, effect of hosts' age, sex, and taxonomic category, helminth species associations, sex ratio of heartworms and hookworms, host heart and spleen weights, geographical diversity, organization of species in helminth communities (importance values, multivariate analyses): Gulf Coastal prairies of Texas and Louisiana compared with other regions in North America

Sex of parasite
Custer JW; Pence DB
1981 Vet Parasitol 8 (1) Feb 71-82 Wa
Dirofilaria immitis from Canis latrans, C. rufus gregoryi, and C. latrans x C. rufus gregoryi hybrids, prevalence and intensity, host age and sex, parasite sex ratio and localization, pathological responses, wild canids from this area are regarded as natural definitive hosts and primary reservoirs for heartworms, appears that this infection is important factor in morbidity and mortality of these hosts : Gulf coastal prairies of Texas and Louisiana, U.S.A.

Sex of parasite
Deunff J; Beaucournu JC
1981 Ann Parasitol 56 (2) 203-224 Wa
Spinturnicidae (5 spp.) of bats, host specificity, host population structure, parasite localization, parasite sex ratio, seasonal prevalence and intensity of infection; presence of Spinturnix myoti in guano: France

Sex of parasite
Eberhard ML; Orihel TC
1981 J Parasitol 67 (4) Aug 556-564 Wa
Loa loa in experimental primate hosts, development from infective to adult stage, morphology, differences in growth rate between sexes

Sex of parasite
Fannaly MT
1980 Proc Louisiana Acad Sc 43 Dec 26-29 Wa
Olencira praegustator on Brevoortia patronus, life history, host lengths, parasite lengths, parasite sex distribution, effect on host: Lake Pontchartrain, Louisiana

Sex of parasite
Fetterer RH; Mussie EW; Bennett JL
1981 Comp Biochem and Physiol 69B (4) 803-808 Wa
Schistosoma mansoni, adenosine triphosphate-dependent ouabain binding in homogenates of male and female worms, results suggest that receptor for ouabain is Na^+,K^+-ATPase

Sex of parasite
Fletcher M; LoVerde PT; Woodruff DS
1981 Am J Trop Med and Hyg 30 (2) Mar 406-421 Wa
Schistosoma mansoni, populations from Africa, Southwest Asia, South America, and West Indies, genetic variation in enzyme polymorphisms (electrophoresis on starch gels), geographic and sexual differences

Sex of parasite
Fried B; Imperia PS; Eveland LK
1981 Comp Biochem and Physiol 68B (1) 111-112 Wm
Schistosoma mansoni, neutral lipid fractions in whole body extracts of adult male and female worms, release of neutral lipids by adult worms maintained in vitro, lipophilic substances released from males may influence development and chemoattraction of females

Sex of parasite
Ghaleb HA et al
1979 J Egypt Med Ass 62 (1-2) 63-76 Wm
Schistosoma mansoni, untreated mice, characteristic features of oogram pattern and portal mesenteric adult worm load, high proportion of pairing in tributaries, preponderance of male worms particularly in intrahepatic location

Sex of parasite
Goldstein P
1981 J Parasitol 67 (5) Oct 697-701 Wa
Ascaris suum, accessory nuclei observed in early meiotic prophase in female worms but absent in meiosis in males, accessory nuclei also observed during prediminution embryonic divisions in some embryos but not in others

Sex of parasite
Goodenough JL; Wilson DD; Agee HR
1977 J Med Entom 14 (3) Nov 30 309-312 Wa
Cochliomyia hominivorax, electroretinographic measurements of visual sensitivity of wild vs. mass-reared flies, effect of sex, age, and irradiation, changes in rearing technique may be necessary to keep visual sensitivity of mass-reared flies more like that of wild flies

Sex of parasite
Gordon MJ; Swan BK; Paterson CG
1979 Canad J Zool 57 (9) Sept 1748-1756 Wa
Unionicola formosa in Anodonta cataracta, life history, seasonal variations, incidence of infection and host loading increases with host length, no selectivity for host sex, parasite sex ratio and male-female associations

Sex of parasite
Grossman AI; Cain GD
1981 J Helminth 55 (1) Mar 71-78 Wa
Megalodiscus temperatus, Philophthalmus gralli, karyotypes, mitotic chromosome number and morphology, C-heterochromatin; possible mechanisms of chromosomal dimorphism in M. temperatus and its significance in evolution of sex-chromosome differentiation in trematodes

Sex of parasite
Grossman AI; McKenzie R; Cain GD
1980 J Parasitol 66 (2) Apr 368-370 Wa
Schistosoma mansoni, demonstration of sex heterochromatin in mitotic chromosomes

Sex of parasite
Guiguen C; Vissault J; Beaucournu JC
1980 Ann Parasitol 55 (1) Jan-Feb 111-123 Wa
Siphonaptera of rodents, survey, sex-ratio given for some flea species, risk of plague: Burundi

Sex of parasite
Helle E; Valtonen ET
1980 Canad J Zool 58 (2) Feb 298-303 Wa
Corynosoma strumosum, C. semerme, prevalence and location in Pusa hispida botnica, sex ratio, growth, and development of parasite: Bothnian Bay, Finland

Sex of parasite
Helle E; Valtonen ET
1981 Parasitology 82 (2) Apr 287-296 Wa
Corynosoma strumosum and C. semerme in Pusa hispida, comparison between spring and autumn infection, intensity of infection, parasite sex ratio and body length, distribution of worms in intestines: Bothnian Bay of Baltic Sea

Sex of parasite
Herbert IV; Al-Shadebi AM; Simmons JR
1981 Research Vet Sc 30 (1) Jan 1-6 Wa
Haemaphysalis punctata and Ixodes ricinus recovered by blanket dragging, seasonal prevalence, sex ratios of adult ticks, results of hourly collections, both species also recovered from dogs and H. punctata from sheep: coastal habitat in North Wales

Sex of parasite
Holscher KH; Gearhart HL; Barker RW
1980 Ann Entom Soc Am 73 (3) May 15 288-292 Wa
Amblyomma americanum, A. maculatum, Dermacentor variabilis, olfactory perception of carbon dioxide, effect of sex, age, humidity, temperature, and carbon dioxide preconditioning; field study with laboratory-reared A. americanum adults of various ages

Sex of parasite
Homsher PJ; Yunker CE
1981 J Med Entom 18 (1) Feb 20 89-91 Wa
Dermacentor andersoni from laboratory-reared colony, bilateral gynandromorphism, morphologic and cytogenetic analysis, dimorphism is result of unequal distribution of sex-linked chromosomes

Sex of parasite
Irvin AD et al
1981 Parasitology 82 (1) Feb 137-147 Wa
Theileria parva, rapid method for preparing and staining salivary glands of infected Rhipicephalus appendiculatus, application of technique in series of studies monitoring protozoal infection in adult ticks, female ticks consistently more highly infected than males

Sex of parasite
Itamies J; Valtonen ET; Fagerholm HP
1980 Ann Zool Fennici 17 (4) 285-289 Wa
Polymorphus minutus in Somateria mollissima (intestine), possible cause of death, localization, life cycle, age of infestation, parasite sex ratios: southern Finland

Sex of parasite
Jacobson HA; McGinnes BS; Catts EP
1978 J Wildlife Dis 14 (1) Jan 56-66 Wa
Cuterebra myiasis, cottontail rabbits, seasonal occurrence, host age and sex prevalence, larval development sites; laboratory and field observations on life history and biology of C. buccata, sex ratio for reared flies: Virginia

Sex of parasite
Koch HG; McNew RW
1981 Ann Entom Soc Am 74 (5) Sept 498-500 Wa
Amblyomma americanum, comparative catches of nymphs and male and female adult ticks by CO_2-emitting dry-ice, dry-chemical, and animal-baited devices

Sex of parasite
Liat LB; Pike AW
1980 J Zool London 190 (1) Jan 39-51 Wa
Profilicollis botulus in Somateria mollissima and Carcinus maenas, incidence and intensity, host age and sex, seasonal fluctuation, intestinal distribution and sex ratio of adult worms in eiders, loss of worms from captive and wild eiders, food preferences of eiders in relation to acquisition of infections: north east Scotland

Sex of parasite
Lindemann BA; McCall JW
1981 J Parasitol 67 (5) Oct 746-747 Wa
Dirofilaria immitis, numbers of male and female heartworms in male and female stray dogs: Richmond County, Georgia

Sex of parasite
LoVerde PT; Amento C; Higashi GI
1980 J Infect Dis 141 (2) Feb 177-185 Wa
Salmonella typhimurium, in vitro association with 3 human Schistosoma spp., sex of worms, mechanism of interaction between Salmonella and surface tegument of Schistosoma, scanning electron microscopy

Sex of parasite
Luetzen J; Nielsen K
1975 Vidensk Medd Dansk Naturh Forening 138 Dec 171-199 Wa
Echineulima spp., sea urchins, mode of attachment, structure of alimentary tract, proboscideal movements and feeding, reproductive organs, oviposition, possible hermaphroditism, sporozoans found in E. mittrei (mantle and digestive glands)

Sex of parasite
Lumley AM; Lee DL
1981 Exper Parasitol 52 (2) Oct 183-190 Wa
Nippostrongylus brasiliensis, rats, Nematodirus battus, lambs, high-dose or low-dose infections, worm expulsion, changes in weight of male and female worms during course of infection, consequences of weight changes discussed with relevance to expression of enzyme activities of these nematodes on a weight of individual nematode basis

Sex of parasite
McClelland G
1980 Exper Parasitol 49 (2) Apr 175-187 Wa
Phocanema decipiens in Phoca vitulina and Halichoerus grypus (both nat. and exper.), parasite growth, reproduction, survival (in sensitizing and challenge infections), and sex ratio; parasite incidence in free-living hosts varied seasonally and with host age: Nova Scotia

Sex of parasite
Martin J
1981 Parasitology 83 (1) Aug 43-50 Wa
Nippostrongylus brasiliensis, acetylcholinesterase activity in male and female worms during course of primary infection in normal and in protein-deficient rats, possible reasons for changes in enzyme production, may be related to immune response

Sex of parasite
Miremad-Gassmann M
1981 Ann Parasitol 56 (4) 407-421 Wa
Moniliformis moniliformis, rats, infection and re-infection, worm expulsion, worm growth, worm localization/migration in host intestine, differences between male and female worms

Sex of parasite
Mondet B et al
1980 Cahiers ORSTOM s Entom Med et Parasitol 18 (1) 49-57 Wa
Gastromermis sp., Isomermis lairdi in Simulium damnosum, growth and sex-ratio of parasites: Mali

Sex of parasite
Oetinger DF; Nickol BB
1981 J Parasitol 67 (5) Oct 672-684 Wa
Acanthocephalus dirus-infected Asellus intermedius and Lirceus garmani, A. jacksoni infected-L. lineatus, examination of relationships between pigmentation and sex of isopod, size of isopod, number of parasites in isopod, sex of parasites, and size and development of parasites, proposal of term 'pigmentation dystrophy' to describe altered pigmentation of North American freshwater isopods infected with species of Acanthocephalus

Sex of parasite
Osburn RL
1981 Ann Entom Soc Am 74 (2) Mar 177-179 Wa
Dermacentor albipictus, timing of ecdysis and spermatogenesis, % of males and females ecdysing from ticks collected as engorged nymphs

Sex of parasite
Pandey VS
1980 Vet Parasitol 7 (4) Dec 357-362 Wa
Strongylus vulgaris, donkeys (anterior mesenteric artery), prevalence and intensity of infection, parasite sex ratio and age structure, seasonal patterns: Morocco

Sex of parasite
Paperna I
1980 Ann Parasitol 55 (6) Nov-Dec 687-706 Wa
Caligus minimus, adults and larvae on Dicentrarchus labrax, site of attachment on host, incidence, intensity, and dispersal of infections, host size, parasite sex ratio, seasonal and/or annual fluctuations, temperature and salinity conditions: Bardawil Lagoon

Sex of parasite
Pence DB; Dowler RC
1979 Proc Helminth Soc Washington 46 (2) July 245-253 Issued Aug 14 Wa
helminths of Taxidea taxus, intensity, Simpson's index, trellis diagram of similarity indexes, female-male ratio for Ancylostoma taxideae correlated with intensity of infection: Kansas; Texas

Sex of parasite
Petersen JJ
1981 J Invert Path 37 (3) May 290-294 Wa
Octomyomermis muspratti, infectivity for Culex pipiens over range of salinities and dilutions of organically rich tree-hole water (comparison with Romanomermis culicivorax), effect of host diet, host density, and worm burden on parasite male-female sex ratios, longevity of laboratory cultures subjected to continual intermittent floodings, advantages of O. muspratti over R. culicivorax as potential biological control agent for mosquitoes

Sex of parasite
Pilitt PA; Lichtenfels JR; Madden PA
1979 Proc Helminth Soc Washington 46 (1) Jan 15-20 Issued Mar 14 Wa
Parascaris equorum, horses, description of 4th-, molting 4th-, and early 5th-stage larvae, differentiation of stages and sexes, light and scanning electron microscopy

Sex of parasite
Rechav Y
1977 J Med Entom 14 (3) Nov 30 304 Wa
Amblyomma hebraeum, gynandromorphism, in specimen collected from a cow, scanning electron microscopy: near East London, South Africa

Sex of parasite
Rhoads ML
1981 J Biol Chem 256 (17) Sept 10 9316-9321 Wa
Stephanurus dentatus, cholinesterase activity (compared with Oesophagostomum radiatum and Nippostrongylus brasiliensis), tissue localization, isolation of secretory cholinesterase from excretory gland cells, purification, characterization (biochemical, kinetic, and antigenic properties), sex dependence

Sex of parasite
Roberts JL; Swan RA
1981 Vet Parasitol 8 (2) May 165-171 Wa
Haemonchus contortus, sheep, relationship between faecal egg counts and total worm counts, size of worm population, time of year, and ratio of male to female adult worms were minor sources of variation, relationship considered to be of value in implementation of programmes of diagnosis and control of haemonchosis in sheep flocks in the area: Goondiwindi area of south-east Queensland

Sex of parasite
Setasuban P; Dangsupa P
1981 J Med Ass Thailand 64 (2) Feb 69-71 Wm
Necator americanus, Thai strain, human infections, prevalence (mostly female worms), intensity, localization in intestine, diagnosis by direct fecal smear and flotation technique, accuracy of diagnostic findings assessed by fecal egg counts: Thailand

Sex of parasite
Shanbaky NM; Khalil GM; Abdu RM
1979 J Med Entom 16 (2) Sept 28 116-120 Wa
Argas arboreus, effects of different doses of gamma radiation on fertility and longevity of males and females, implications for sterile release programs

Sex of parasite
Sharpe MJ; Lee DL
1981 Parasitology 83 (2) Oct 425-433 Wa
Nematospiroides dubius, Trichostrongylus colubriformis, males vs. females, adenosine nucleotide and adenylate energy charge values of worms maintained in vitro under aerated vs. under near-anoxic conditions

Sex of parasite
Shaw JR; Erasmus DA
1981 Parasitology 82 (1) Feb 121-124 Wa
Schistosoma mansoni, development of reproductive system of female worms from single-sex infections, varying degrees of incomplete parthenogenesis

Sex of parasite
Shepherd RCH; Edmonds JW
1980 J Hyg Cambridge 84 (1) Feb 109-113 Wa
Spilopsyllus cuniculi bred under animal house conditions, females outnumbered males due to greater preponderance of females in primary emergence, sex ratios in secondary emergence were about 1:1

Sex of parasite
Short RB; Grossman AI
1981 J Parasitol 67 (5) Oct 661-671 Wa
Schistosoma mansoni, S. rodhaini, conventional Giemsa and C-banded karyotypes with particular attention to sex chromosomes, differences between species

Sex of parasite
Smith DH
1977 J Med Entom 14 (2) Nov 25 137-145 Wa
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1981 Zool Jahrb Jena Abt Anat 105 (4) 571-602 Wa
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Sicily See Italy, Sicily

Simultaneous infections See Mixed infections

Site selection See Localization

Skin [See also Dermatitis]

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Skin
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Trypanosoma congolense, 4 stocks, occurrence of local skin reactions in calves, sheep, and rabbits at sites of bites of infected Glossina morsitans, antibody responses of infected rabbits, local skin reaction responses in rabbits on rechallenge with homologous vs. heterologous stock, possible epidemiological importance of differences between parasite stocks

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Skin tests See Immunity, Skin tests

Sludge See Sewage

Snail control [See also Molluscicides in Treatment Catalogue; Vectors, Mollusca]

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granule formulations of molluscicides may be superior to conventional sprays, methods described for making granules using bayluscide wettable powder, laboratory and field trials against Biomphalaria glabrata: St. Lucia

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1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 480-486 Wa
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Sonography See Sound

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Schistosoma haematobium, human bilharzial scrotal masses, diagnosis using sonography

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Ultrasonography of cystic liver diseases, includes human hydatid cysts

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Specific pathogen-free animals See Gnotobiotic animals

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Dictyocaulus eckerti in Capreolus capreolus, host specificity, morphological characteristics compared with D. viviparus: region lyonnaise, France

Specificity, Host
Jairajpuri DS
1974 Indian J Helminth 24 (1-2) Mar-Sept 1972 10-21 Issued Sept 1 Wa
nematodes of birds, geographical distribution, host specificity: Uttar Pradesh, India

Specificity, Host
Kaiser H
1977 Zool Jahrb Jena Abt Syst 104 (1) 20-71 Wa
mermithids, use of biological criteria for diagnosis among closely related species, morphology, systematics, biometry, host specificity

Specificity, Host
LaRochelle PB; Dimock RV jr
1981 Oecologia 48 (2) 257-259 Wa
Unionicola formosa, occurrence and specificity of host recognition behavior of adult and nymphal mites, ability of adult mites to recolonize hosts: North Carolina; South Carolina

Specificity, Host
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 16 (2) Sept 28 85-94 Wa
Tunga monositus on laboratory Peromyscus maniculatus (ear pinna) wild-caught from 2 localities, feeding behavior, cell intake, and neosomy, histological examination of sequential serial sections, comparison with findings from Mus musculus

Specificity, Host
Llewellyn J; Macdonald S; Green JE
1980 J Marine Biol Ass United Kingdom 60 (1) 73-79 Issued Feb Wa
Diclidophora esmarkii, D. luscae, fishes, diagnostic comparison of occurrence, body lengths, anatomical features, clamp sizes, and 'gill preference' of parasites on hosts, host-specificity, implications for use as biological tags of fish stocks: Plymouth

Specificity, Host
McKenna PB; Charleston WAG
1980 N Zealand Vet J 28 (6) June 117-119 Wa
mice dosed with free isosporan sporocysts derived from naturally infected cat faeces showed sarcocysts in skeletal muscle morphologically similar to Sarcocystis muris, kittens fed these mice shed similar sporocysts, subsequent feeding of these sporocysts to mice and rats resulted in identical sarcocysts in mice but not rats, attempts to induce similar infections in mice using cat-derived Isospora felis oocysts were unsuccessful, concluded that Sarcocystis species are highly host-specific for intermediate hosts

Specificity, Host
Marquardt WC
1981 J Protozool 28 (2) May 243-244 Wa
Coccidia, host and site specificity, brief review and perspective

Specificity, Host
Mendez E
1977 Quaest Entom 13 (2) Apr 91-182 Wa
mammalian fleas, key, host specificity, ecological and evolutionary factors in flea distribution: southwestern Colombia

Specificity, Host
Mitchell LG; Listebarger JK; Bailey WC
1980 J Wildlife Dis 16 (2) Apr 233-236 Wa
Chloromyxum trijugum in centrarchids, seasonal prevalence of free-floating and attached plasmodia, histopathology, host specificity: Iowa

Specificity, Host
Nabih I; El Ansary A
1980 Cellular and Molec Biol 26 (1) 85-88 Wa
Biomphalaria alexandrina and Bulinus truncatus (intermediate hosts of Schistosoma mansoni and S. haematobium respectively), Lymnea truncatula (non-susceptible to Schistosoma infection), isolation and base composition of RNA

Specificity, Host
Orwig KR
1968 Bull Univ Nebraska State Mus 8 (1) June 187 pp Wa
Trouessartinae, taxonomic revision (excluding Trouessartia), morphology, intraspecific variation, host-parasite relationships, host specificity, historical account

Specificity, Host
Pence DB; Eason S
1980 J Parasitol 66 (1) Feb 115-120 Wa
comparison of helminth faunas of 2 sympatric top carnivores (Felis rufus and Canis latrans), Simpson's indices, index of similarity and overlap index, importance indices: Rolling Plains of Texas

Specificity, Host
Porchet E; Richard A; Ferreira E
1981 J Protozool 28 (2) May 228-239 Wa
Aggregata eberthi, mechanism of host invasion in vivo (in the crab) and in vitro (in mollusc cell cultures), ultrastructural study, implications for mechanism of host specificity

Specificity, Host
Price PW
1980 Monogr Population Biol (15) 237 pp Wa
parasites, evolutionary biology: non-equilibrium populations and communities; genetic systems; adaptive radiation and specificity; ecological niches, species packing, and community organization; impact on evolutionary biology of host

Specificity, Host
Rohde K
1980 Experientia 36 (12) Dec 15 1369-1371 Wa
host specificity indices of parasites, application to analysis of latitudinal differences in host specificity of marine Monogenea and Digenea

Specificity, Host
Sergeeva TP
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 38-46 Wa
Acuariidae, Streptocaridae, host specificity in laridine birds, evolution, diagrams of conjectural schemes of phylogeny

Specificity, Host
Sherman IW
1979 Microbiol Rev 43 (4) Dec 453-495 Wa
Plasmodium, life cycle, biochemical determinants of parasite specificity for host cells, morphology and growth of blood stages, morphological alterations of infected cells, membrane structure and function in malaria, metabolic pathways (carbohydrate transport and metabolism; nucleic acids; protein synthesis; lipid biosynthesis; vitamins and cofactors; cation alterations), review

Specificity, Host
Smith DD
1981 J Protozool 28 (2) May 262-266 Wa
Sarcocystidae, history, life cycles, host specificity and susceptibility, brief review

Specificity, Host
Smith DH
1977 J Med Entom 14 (2) Nov 25 137-145 Wa
Cuterebra approximata in Peromyscus maniculatus and other rodent species, incidence, univoltine life cycle, localization, bimodal seasonal occurrence, effect of egg age, photoperiod, temperature, and ecdysone injections on development, lack of immune response, disparity in adult fly sex ratios, implications of high host specificity and mortality rate for use in biological control, laboratory and field studies: Missoula, Montana

Specificity, Host
Tzipori S et al
1980 Infect and Immun 30 (3) Dec 884-886 Wa
Cryptosporidium (isolated from calves with diarrhea) infected (with or without causing enteritis) 7 different species of animals, other isolates (from calves, lamb, adult human) also showed similar lack of host specificity, indirect evidence that cryptosporidiosis should be regarded as potential zoonosis, strong evidence to suggest that Cryptosporidium is single-species genus

Specificity, Host
Urdaneta-Morales S; McLure I
1981 Acta Trop 38 (2) June 99-105 Wa
Trypanosoma cruzi, infections established in some lizards by inoculation from cultures and by immuno-suppression but not by blood from infected mice, feces from infected bugs, or forced feeding on ground-up infected bugs, possible factors responsible for natural resistance of poikilothermic vertebrates to T. cruzi

Specificity, Host
Walkey M; Simmons DJC; Nasher AK
1980 J Parasitol 66 (3) June 420-423 Wa
Hymenolepis straminea, attempted infection of various rodent species, attempted infection of laboratory mice with reduced immunocompetence, results suggest role of thymus in protection

Specificity, Host
Wehnert SD; Woo PTK
1980 J Wildlife Dis 16 (2) Apr 183-187 Wa
Trypanoplasma salmositica, in vivo (experimental infections) and in vitro (plasma incubation technique, lytic ability of plasma from refractory fishes) studies on host specificity, alternate pathway of complement activation suggested as possible mechanism for providing innate immunity to parasite

Specificity, Host
Zietse MA; Klaver-Wesseling JCM; Vetter CM
1981 J Helminth 55 (3) Sept 203-207 Wa
Ancylostoma caninum, dog serum contains factor that chemotactically attracts infective larvae, sera of other animal species also possess factor but to much lesser extent

Spectroscopy See Spectrum analysis

Spectrum analysis
Abioye AA
1977 African J Med and Med Sc 6 (3) Sept 119-123 Wm
Entamoeba histolytica (Ibadan strain), evaluation of the absorption spectra of antigens using ultraviolet absorption spectroscopy

Sperm See Gametes

Spermatogenesis See Gametogenesis

Spinal cord See Nervous system

Spleen
Allison AC et al
1979 Trop Dis Research Ser (1) 151-182 Wa
Babesia microti, mice, role of spleen in protection against infection, review

Spleen
Anosa VO
1980 Zentralbl Vet Med Reihe B 27 (3) 169-180 Wa
Trypanosoma brucei in splenectomised and intact mice (exper.), parasitaemia, plasma volumes, leucocyte and bone marrow cell counts, moribund state

Spleen
Anosa VO; Isoun TT
1980 J Comp Path 90 (1) Jan 155-168 Wa
Trypanosoma vivax, goats, intact and splenectomized sheep, anemia, red cell survival and sites of destruction, roles of bone marrow and spleen, changes in total and differential leucocyte counts

Spleen
Aubry P; Capdevielle P; Durand G
1980 Med Trop 40 (1) Jan-Feb 53-57 Wm
Schistosoma spp., human, hepatosplenic pathology, current diagnostic measures

Spleen
Borojevic R; Grimaud JA
1980 Cellular and Molec Biol 26 (2) 247-250 Wa
Schistosoma mansoni, human collagen fibers in enlarged basement membranes in liver and spleen

Spleen
Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Spleen
Brener Z et al
1979 Trop Dis Research Ser (1) 121-135 Wa
Trypanosoma cruzi, human, role of spleen in Chagas' disease, review

Spleen
Clayton CE et al
1980 Infect and Immun 28 (3) June 824-831 Wm
Trypanosoma b. brucei, mice, cellular proliferation and functional depletion in blood, peritoneum, and spleen related to changes in bone marrow stem cells

Spleen
Costa JS et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 246-260 Wm
Schistosoma mansoni-infected mice, growth, blood picture, histology of glands and reproductive organs, effect of splenectomy

Spleen
Crane GG
1979 Trop Dis Research Ser (1) 245-258 Wa
tropical splenomegaly syndrome, serology and relationship to malaria, review

Spleen
Dockrell HM; de Souza JB; Playfair JHL
1980 Immunology 41 (2) Oct 421-430 Wa
Plasmodium yoelii, P. berghei, relative importance of spleen and liver in immunity to blood-stage murine malaria

Spleen
Eling WMC
1980 Infect and Immun 30 (3) Dec 635-641 Wa
Plasmodium berghei, mice, host strain-specific effect of splenectomy on morbidity, mortality, and immunological responsiveness, results suggest active role of spleen in generation of (immuno)pathological reaction during primary infection in intact animal

Spleen
Eugui EM; Allison AC
1979 Bull World Health Organ 57 suppl 1 231-238 Wa
Plasmodium chabaudi, course of infection in different strains of mice, cross immunity between P. chabaudi and P. yoelii in different mouse strains, changes in spleen at different intervals after infection, natural killer activity in spleens of mice infected with malaria

Spleen
Eugui EM; Allison AC
1980 Parasite Immunol 2 (4) Winter 277-292 Wa
Plasmodium chabaudi, Babesia microti, mice, striking differences in susceptibility to infection among different host strains, these differences do not seem to be related to H-2 constitution but may be correlated with natural killer cell activity in spleen

Spleen
Ghadirian E; Meerovitch E
1981 Infect and Immun 31 (2) Feb 571-573 Wa
Entamoeba histolytica, hamsters, effect of splenectomy on size of liver abscesses and metastatic foci

Spleen
Ghadirian E; Meerovitch E; Hartmann DP
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 779-784 Wa
Entamoeba histolytica, hamsters, protection against amebic liver abscess by immunization with amebic antigen and some of its fractions, splenomegaly found to accompany development of abscesses (high degree of correlation between weights of abscesses and of spleens), no correlation between anti-amebic antibody titers and gross pathology

Spleen
Greenwood BM; Fakunle YM
1979 Trop Dis Research Ser (1) 229-244 Wa
tropical splenomegaly syndrome, diagnostic criteria, clinical features, treatment, pathogenesis (hypothesis involving abnormal immune response to malaria which results in excessive IgM production and formation of large molecular weight immune complexes), review

Spleen
Hood AT; Boros DL
1980 Am J Trop Med and Hyg 29 (4) July 586-591 Wa
Schistosoma mansoni, mice, effect of splenectomy on pathophysiology, humoral and cell-mediated granulomatous responses, and liver fibrosis

Spleen
Irvin AD et al
1981 Internat J Parasitol 11 (3) June 251-255 Wa
Babesia rodhaini and B. microti infections in intact, surgically splenectomised, and congenitally asplenic (Dh/+) mice, differences in susceptibility, Dh/+ mice could prove of value in study of natural killer cell activity; male mice were more susceptible than females

Spleen
Ismail AM et al
1976 Ain Shams Med J 27 (1) Jan 57-60 Wm
hepatic schistosomiasis with enlargement of spleen, humans, change in immunoglobulins after splenectomy suggests possible immunological role of spleen in hepatic fibrotic infections

Spleen
Kar SK et al
1981 European J Immunol 11 (2) Feb 100-105 Wm
Trypanosoma congolense-infected mice, comparison of immune reactivity and cellular composition of different lymphoid organs at different stages of infection, results indicate spleen is primary site of immune depression and other lymphoid organs are very little affected

Spleen
Khoury PB et al
1981 Cellular Immunol 59 (2) Apr 233-245 Wa
Schistosoma mansoni, mice, cellular responses against cercarial immunogens in regional draining lymph nodes and spleen: kinetics and characterization of T- and B-rosette forming cells, kinetics and characterization of maturational stages of B lymphocyte populations (capacity to form rosette forming cells, rosette-antibody forming cells, plaque forming cells, immunoglobulin classes)

Spleen
Khoury PB; Phillips SM
1981 Cellular Immunol 59 (2) Apr 246-255 Wa
Schistosoma mansoni, mice, cellular responses against egg immunogens in regional draining lymph nodes and spleen: kinetics and characterization of T- and B-rosette forming cells, kinetics and characterization of B-cell subpopulations (capacity to form rosette forming cells, rosette-antibody forming cells, plaque forming cells, immunoglobulin classes)

Spleen
Khoury PB; Phillips SM
1981 Am J Trop Med and Hyg 30 (2) Mar 394-401
Wa
Schistosoma mansoni, mice, cellular responses of lymphoid organs that drain pulmonary and hepatic phases of primary infection and also cellular responses of spleen: kinetics and characterization of T and B rosette forming cells, kinetics and characterization of B cell subpopulations (capacity to form rosette forming cells, rosette-antibody forming cells, and plaque forming cells; nature of surface and/or secreted immunoglobulins), these local immune responses seem to occupy significant role in mediation of protective immunity and host morbidity

Spleen
Kimeto BA
1981 Vet Parasitol 8 (1) Feb 13-21 Wa
Theileria parva, ultrastructure of parasitized bovine spleen cells

Spleen
Klei TR; Crowell WA
1981 J Helminth 55 (2) June 123-131 Wa
Brugia pahangi-infected Meriones unguiculatus, pathological changes in kidneys, livers, and spleens

Spleen
Lamki LM; Lamki N
1981 Clin Nuclear Med 6 (2) Feb 81-84 Wm
radionuclide imaging used to differentiate splenomegaly from pseudosplenomegaly associated with human hydatid hepatic cyst and with amebic hepatic abscess, case reports, clinical aspects

Spleen
Langhorne J et al
1979 Trop Dis Research Ser (1) 205-228 Wa
Plasmodium knowlesi, vaccination of previously splenectomized Macaca mulatta with merozoites, results of challenge infection; effects of splenectomy on clinical immunity of immunized M. mulatta and Callithrix jacchus which were previously resistant to repeated challenge infection; in vitro growth of parasites in presence of immune spleen cells from M. mulatta and M. fascicularis

Spleen
Lowenthal MN et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 91-98
Wa
massive splenomegaly, analysis of 344 human cases, causes include tropical splenomegaly syndrome of malarial aetiology and hepatic schistosomiasis: Northern Zambia

Spleen
Lowenthal MN et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 99-103
Wa
Schistosoma mansoni, human, elevated IgG of value in differentiating schistosomal splenomegaly from other tropical splenomegaly: Northern Zambia

Spleen
McCrorie P et al
1980 J Comp Path 90 (1) Jan 123-137 Wa
Trypanosoma brucei brucei, splenectomized rabbits, anemia, hematological study of role of spleen

Spleen
Mackey LJ et al
1980 Clin and Exper Immunol 42 (3) Dec 412-420
Wa
Plasmodium berghei in 5 strains of mice, immunopathology of lesions in brain, kidney, liver, and spleen

Spleen
Maede Y
1979 Am J Vet Research 40 (5) May 691-695 Wa
Haemobartonella felis, cats (exper.), sequestration in spleen by phagocytosis (principal means) and pitting (least frequent means), electron microscopy

Spleen
Masake RA; Morrison WI
1981 Am J Vet Research 42 (10) Oct 1738-1746 Wa
Trypanosoma vivax-infected Boran cattle (exper.), spleen and lymph nodes, gross and histopathologic changes, membrane and intracytoplasmic immunoglobulin, deposits of immunoglobulin, in vitro proliferative response to mitogens of cells obtained from these organs, plasma immunoglobulin concentrations, evidence for existence of intact orderly immune response, results question relative importance of immunodepression in bovine trypanosomiasis

Spleen
Melendez RD; Jimenez SE
1979 Acta Cien Venezolana 30 (3) 309-313 Wa
Trypanosoma vivax, outbred white rats, infection induced by chemical immunosuppression (methotrexate) and splenectomy

Spleen
Moulton JE
1980 Vet Path 17 (2) Mar 218-225 Wa
Trypanosoma brucei-infected Peromyscus maniculatus (exper.), plasma cell infiltration of various tissues, disruption of T cell zone of spleen, hyperplasia of germinal centers of spleen and lymph nodes, meningoencephalitis

Spleen
Nozais JP
1979 Afrique Med (168) 18 Mar 179-182 Wm
Schistosoma mansoni, children, relationships between host age, host sex, fecal egg count, splenomegaly, and fluorescent antibody levels: Cote d'Ivoire

Spleen
Ofoegbu RO
1980 Am J Trop Med and Hyg 29 (4) July 704-707
Wa
'encased spleen' syndrome, humans, case reports, may be response to repeated malarial infarctions of spleen and perisplenitis

Spleen
Oster CN; Koontz LC; Wyler DJ
1980 Am J Trop Med and Hyg 29 (6) Nov 1138-1142
Wa
Plasmodium yoelii, P. chabaudi adami, mice, effects of splenectomy, congenital asplenia, and splenic reconstitution on course of infection

Spleen
Ozeretskovskaia NN et al
1979 Trop Dis Research Ser (1) 259-271 Wa
Echinococcus granulosus, E. multilocularis, patients with normal spleens vs. patients with enlarged spleens, clinical data, severity of disease, renal damage, serum immunoglobulin levels, total serum protein content and proteinogramme, phytohaemagglutinin skin test, levels of antibodies to DNA, specific antiparasite antibodies, effect of prolonged treatment with mebendazole

Spleen
Quinn TC; Wyler DJ
1980 Am J Trop Med and Hyg 29 (1) Jan 1-4 Wa
Plasmodium berghei, rats, reversibility of crisis, critically important role of spleen in maintaining crisis, findings discussed in relation to alterations in splenic clearance of infected erythrocytes observed during crisis

Spleen
Roux JF; Sellin B; Picq JJ
1980 Med Trop 40 (1) Jan-Feb 45-51 Wm
Schistosoma mansoni, humans, epidemiological survey, prevalence of hepato-splenomegalies in endemic areas, age of host, severe effect on public health and socio-economic development in Upper Volta and Ivory Coast

Spleen
Ruebush TK II; Collins WE; Warren M
1981 Am J Trop Med and Hyg 30 (2) Mar 304-307 Wa
Babesia microti-infected Macaca mulatta (exper.), recurrent parasitemia before and after splenectomy

Spleen
Shaker A; Tamara F; Farid A
1975 Ain Shams Med J 26 (3) May 331-333 Wm
schistosomal hepatic fibrosis with splenomegaly and ascites, humans, percutaneous peritoneal biopsy to assess pathological changes

Spleen
Shatry AM et al
1981 Research Vet Sc 30 (2) Mar 181-184 Wa
Theileria parva, course of infection in Bos taurus calves with normal and partially exteriorized spleens, development of parasite in spleen and lymph nodes

Spleen
Tamura T et al
1979 J Coll Dairying Nat Sc (17) 8 (1) Oct 89-98 Wa
Babesia gibsoni, dogs (exper.), effect of immunosuppressive treatments or splenectomy, results indicated spleen might play important role in immune mechanism and cell-mediated immunity might be related to protection

Spleen
Thoongsuwan S; Cox HW
1981 J Parasitol 67 (4) Aug 481-486 Wa
Haemobartonella muris-like agent isolated and identified as occult companion agent in Trypanosoma lewisi-infected rats and implicated as cause of acute hemolytic anemia, splenomegaly with erythrophagocytosis, and proliferative glomerulonephritis in mature rats, disease was less severe in weanling rats, presence of cold-active hemagglutinin, immunoconglutinin, and antibody against fibrinogen products

Spleen
Torres-Rojas JR; Rothschild H; Krotoski WA
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 1-4 Wa
tropical splenomegaly syndrome in nontropical setting, human, case report, elevated antibody titers to Plasmodium falciparum returned to normal after antimalarial therapy and splenectomy: Hotel Dieu Hospital, New Orleans, Louisiana (previous resident of Honduras)

Spleen
Tosta CE; Hermans MAA
1981 Ann Trop Med and Parasitol 75 (3) June 363-365 Wa
Plasmodium berghei-infected rats, atypical reticulocytes as possible consequence of pitting function of spleen, may contribute to anemia

Spleen
Weiss N
1978 Acta Trop 35 (2) June 137-150 Wa
Dipetalonema viteae, course of primary infection in 2 strains of hamster, microfilaraemia in relation to worm burden and humoral immune response, effect of neonatal thymectomy and splenectomy

Spleen
Woods RJ; Parbhoo SP
1981 Brit J Exper Path 62 (1) Feb 8-12 Wa
Haemobartonella muris, transplantation of isolated hepatocytes from infected Wistar rats into congenitally jaundiced Gunn rats resulted in haemolytic anaemia, removal of parasite by spleen from surface of infected red cells which then remain in the circulation

Spleen
Wyler DJ; Oster CN; Quinn TC
1979 Trop Dis Research Ser (1) 183-204 Wa
Plasmodium, role of spleen in malaria infections, review

Spleen
Wyler DJ; Quinn TC; Chen LT
1981 J Clin Invest 67 (5) May 1400-1404 Wa
Plasmodium berghei, mice, clearance of damaged uninfected erythrocytes undergoes similar alterations during acute malaria as infected erythrocytes, observations support hypothesis that altered rheologic properties of infected erythrocytes are major determinant of their removal by spleen, data suggest that alterations in splenic microcirculation that occur during malaria may have important implications for host defense

Spleen
Zahner H; Rudolph R
1980 Zentralbl Vet Med Reihe B 27 (2) 85-101 Wa
Capillaria hepatica, embryonated eggs vs. embryonated, x-irradiated eggs, Mastomys natalensis (exper.), histopathology of liver and spleen, organ weight changes, role of eggs in granuloma formation

Splenectomy See Spleen

Splenomegaly See Spleen

Spurious parasites See Pseudoparasites

Stains See Technique, Stains

Statistical models and theory See Mathematical models and theory; Technique, Statistical methods

Sterility See Reproduction; Sex and parasitism

Stomach [See also Digestive system; Gastritis; Gastroenteritis]

Stomach
Cook RW; Williams JF
1981 J Comp Path 91 (2) Apr 205-217 Wa
Taenia taeniaeformis, rats (exper.), micro- and macroscopic changes in gastrointestinal tract, body and organ weights, intestinal mast cell and eosinophil counts

Stomach
Overstreet RM; Meyer GW
1981 J Parasitol 67 (2) Apr 226-235 Wa
Hysterothylacium type MB larvae from Paralichthys lethostigma as cause of hemorrhagic lesions in stomach of Macaca mulatta (exper.), implications for human consumption of raw seafood

Storage of specimens See Freezing; Technique, Specimen preparation and preservation

Strains, Host
Albright JW; Albright JF
1981 Infect and Immun 33 (2) Aug 355-363 Wa
Trypanosoma lewisi, basis of host specificity investigated in various mouse strains and in vitro, some parallel experiments with T. musculi, results suggest that principal mechanism responsible for murine resistance to heterologous trypanosomes is type of antibody-dependent granulocyte-mediated immunity involving naturally occurring antibody and probably platelets

Strains, Host
Albright JW; Albright JF
1981 Infect and Immun 33 (2) Aug 364-371 Wa
Trypanosoma musculi, various strains of inbred mice, differences in resistance to infection, analysis of possible mechanisms, concluded that variations in immune responsiveness to parasite antigens (probably not associated with H-2 complex and possibly in concert with variations in a non-immunological mechanism) are responsible

Strains, Host
Ambu S; Kwa BH
1980 J Helminth 54 (1) Mar 43-44 Wa
Taenia taeniaeformis, susceptibility of 3 different strains of rat of different ages and both sexes

Strains, Host
Bastos OC; Magalhaes LA; Pareja GB
1979 Rev Saude Pub S Paulo 13 (4) Dec 335-340 Wm
Schistosoma mansoni, behavior of human strain in inbred vs. outbred mice and of wild rodent strain in inbred mice, advantages of use of inbred mice

Strains, Host
Bickle Q et al
1980 Exper Parasitol 50 (2) Oct 222-232 Wa
Schistosoma mansoni, mice, influence of host's sex, age, and strain on resistance to reinfection

Strains, Host
Bradley DJ
1979 Acta Trop 36 (2) June 171-179 Wa
Leishmania donovani in susceptible and resistant mouse strains, parasite and host cell kinetics studied by radioisotope labelling

Strains, Host
Brindley PJ; Dobson C
1981 Parasitology 83 (1) Aug 51-65 Wa
Nematospiroides dubius, genetic control of liability to infection in Mus musculus, selection of refractory and liable host populations, females less liable than males

Strains, Host
Chernin J
1981 J Helminth 55 (3) Sept 209-222 Wa
Taenia crassiceps in males and females of several different strains of rats, host growth curves, volume, antigenicity, and size of metacestodes

Strains, Host
Chiu JK et al
1981 Internat J Parasitol 11 (5) Oct 391-397 Wa
Schistosoma japonicum, susceptibility of Oncomelania hupensis formosana recombinants and hybrids with O. h. nosophora to infection with 3 parasite strains, possibility of using O. h. formosana in biological control of S. japonicum

Strains, Host
Claas FHJ; Deelder AM
1980 Acta Leidensia 48 23-27 Wa
Schistosoma mansoni, mice of two congenic inbred strains, considerable differences in mortality and in antibody titer, findings suggest that I-region of H-2 complex may influence immune response to infection

Strains, Host
Colley DG; Freeman GL jr
1980 Am J Trop Med and Hyg 29 (6) Nov 1279-1285 Wa
Schistosoma mansoni in CBA/J vs. C57BL/6 mice, differences in adult worm burden requirements for establishment of resistance to reinfection, differences in size of egg-induced hepatic granulomas

Strains, Host
Contreras CE et al
1980 Clin and Exper Immunol 42 (3) Dec 403-411 Wa
Plasmodium berghei in 5 strains of mice, immunopathological aspects: course of infection, detection of soluble malarial antigens, serum-specific antibody levels, circulating immune complexes, serum C3 levels, infection of nude mice

Strains, Host
Cornelissen AWCA et al
1979 Acta Leidensia 47 79-88 Wa
Plasmodium berghei berghei, 'wild strain' of Anopheles atroparvus vs. introduced Plasmodium-refractory strain, survival and fecundity, laboratory studies

Strains, Host
Corsini AC et al
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 192-196 Wm
Trypanosoma cruzi strain Y, susceptibility of various inbred mouse strains to infection, F1 mice recommended as good model for experimental Chagas infection as acute and chronic phases were well characterized in this strain

Strains, Host
Corsini AC; Oliveira OLP; Costa MG
1980 Ztschr Parasitenk 61 (2) 179-185 Wa
Trypanosoma cruzi strain Y, susceptible and resistant mice, unimpaired delayed type hypersensitivity reactions

Strains, Host
Crowle PK; Reed ND
1981 Infect and Immun 33 (1) July 54-58 Wa
Nippostrongylus brasiliensis, evaluation of ability of mast cell-deficient W/W^v anemic mice to accumulate mucosal mast cells, produce worm-specific IgE antibody, and reject worms, results indicate that mucosal mast cells are not absolute requirement for rejection

Strains, Host
Cunningham DS et al
1981 Exper Parasitol 51 (2) Apr 257-268 Wa
Trypanosoma cruzi in relatively resistant vs. highly susceptible strain of mice, antibody response to previously unencountered antigens, autoantibody activity, proposed that T. cruzi-associated antigens differentially affect B-cell-responsive and -responding clones, unlikely that nonspecific induction of immunoglobulin synthesis is purely responsible for immunosuppressed condition of both susceptible and resistant mice, immunopotentiating effect of T. cruzi demonstrated in 2 ways, possible significance of polyclonal activation in experimental Chagas' disease

Strains, Host
Cunningham DS; Hazen TC; Kuhn RE
1981 J Parasitol 67 (4) Aug 468-474 Wa
Trypanosoma cruzi-susceptible and -resistant mice were both more resistant to challenge with Aeromonas hydrophila following infection with T. cruzi, increased resistance depended on several factors but was generally independent of the immunosuppressed condition caused by T. cruzi infection

Strains, Host
Dawkins HJS et al
1980 Internat J Parasitol 10 (2) Apr 125-129 Wa
Strongyloides ratti, 11 inbred strains of mice and 1 outbred strain, susceptibility to infection, effect of host age, host sex, dose, and route of injection, resistance to challenge infection; C57Bl/6 and CBA mice may provide useful model hosts

Strains, Host
Dean DA; Bukowski MA; Cheever AW
1981 Am J Trop Med and Hyg 30 (4) July 806-814 Wa
Schistosoma mansoni in 10 strains of mice, relationship between acquired resistance, portal hypertension, and lung granulomas

Strains, Host
DeVaney JA et al
1980 Poultry Science 59 (8) Aug 1745-1749 Wa
Ornithonyssus sylviarum, Menacanthus stramineus, 30 strains of egg-type hens, dispersal patterns in poultry house, no indications of host resistance, dietary regimens had no effect on parasite populations

Strains, Host
Duhrkopf RE; Trpis M
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 815-819 Wa
Brugia malayi, B. pahangi, degree of susceptibility and levels of infection in 10 different strains of Aedes polynesiensis, provides even better laboratory model for vector-parasite studies than strains of A. aegypti currently used

Strains, Host
Eling WMC
1980 Infect and Immun 30 (3) Dec 635-641 Wa
Plasmodium berghei, mice, host strain-specific effect of splenectomy on morbidity, mortality, and immunological responsiveness, results suggest active role of spleen in generation of (immuno)pathological reaction during primary infection in intact animal

Strains, Host
El-On J; Bradley DJ; Freeman JC
1980 Exper Parasitol 49 (2) Apr 167-174 Wa
Leishmania donovani, action of excreted factor on hydrolytic enzyme activity of macrophages from mice with genetically different resistance to infection, implications for mechanism whereby leishmanial amastigotes survive in mononuclear phagocytes in presence of lysosomal enzymes

Strains, Host
Eugui EM; Allison AC
1979 Bull World Health Organ 57 suppl 1 231-238 Wa
Plasmodium chabaudi, course of infection in different strains of mice, cross immunity between P. chabaudi and P. yoelii in different mouse strains, changes in spleen at different intervals after infection, natural killer activity in spleens of mice infected with malaria

Strains, Host
Eugui EM; Allison AC
1980 Parasite Immunol 2 (4) Winter 277-292 Wa
Plasmodium chabaudi, Babesia microti, mice, striking differences in susceptibility to infection among different host strains, these differences do not seem to be related to H-2 constitution but may be correlated with natural killer cell activity in spleen

Strains, Host
Fanning MM et al
1981 J Infect Dis 144 (2) Aug 148-153 Wa
Schistosoma mansoni, course of infection studied in various inbred strains of mice (according to degree of portal hypertension, granuloma size, organomegaly), data indicate that immunopathology associated with parasitic infection in mice is influenced by genetic background of host and is dependent in part on cell-mediated immunity

Strains, Host
Ferretti G; Gabrielle F; Palmas C
1981 Internat J Parasitol 11 (6) Dec 425-430 Wa
Hymenolepis nana, development of human and mouse strains in mice of different ages and strains, "data leave little room for maintaining the diversity of H. fraterna and H. nana"

Strains, Host
Fujita K; Tsukidate S
1981 Immunology 42 (3) Mar 363-370 Wa
Dirofilaria immitis, preparation of highly purified allergen, reaginic antibody formation in different strains of mice

Strains, Host
Gasbarre LC; Finerty JF; Louis JA
1981 Parasite Immunol 3 (3) Autumn 273-282 Wm
Trypanosoma brucei brucei-infected CBA/N mice (strain with B cell deficiency) vs. conventional mice, survival and level of parasitaemia, non-specific immune responses (polyclonal B cell activation in spleens, circulating immune complexes, immunosuppression)

Strains, Host
Gorczynski RM et al
1981 Cellular Immunol 60 (2) May 15 367-375 Wa
Leishmania enrietti, macrophage subpopulations from uninfected and immune guinea pigs of different strains, ability to support parasite growth in vitro and to promote proliferation in lymphocytes of animals recovered from primary lesion, evidence that macrophage heterogeneity and Ir-gene control are factors involved in immune response of guinea pigs to infection with L. enrietti

Strains, Host
Hale C; Howard JG
1981 Parasite Immunol 3 (1) Spring 45-55 Wa
Leishmania tropica major in Biozzi high and low responder lines of mice, comparative susceptibility, serum antibody levels and delayed-type hypersensitivity responses, macrophage differences

Strains, Host
Hall CA; Martin ICA; McDonell PA
1980 Research Vet Sc 29 (2) Sept 181-185 Wa
Lucilia cuprina, merino sheep, method described for showing differences in moisture content of wool according to anatomical site, age, sex, strain of merino, and lesions of active flystrike, incidence of natural flystrike recorded and related to higher levels of moisture content

Strains, Host
Haque A et al
1980 Exper Parasitol 49 (3) June 398-404 Wa
Dipetalonema viteae, attempted infection with 3rd stage larvae in different mouse strains and in nude mice, microfilariae production in different mouse strains and in nude mice after implantation of adult female parasites

Strains, Host
Howard JG; Hale C; Chan-Liew WL
1980 Parasite Immunol 2 (4) Winter 303-314 Wa
Leishmania tropica major, immunogenetic aspects of susceptibility to infection in different strains of mice

Strains, Host
Howard JG; Hale C; Liew FY
1980 J Exper Med 152 (3) Sept 1 594-607 Wa
Leishmania tropica, nature and significance of specific suppression of cell-mediated immunity in highly susceptible mice

Strains, Host
Howard JG; Hale C; Liew FY
1980 Nature London (5787) 288 Nov 13 161-162 Wa
Leishmania tropica, genetically-determined susceptibility to infection is expressed by haematopoietic donor cells in mouse radiation chimaeras

Strains, Host
Howard JG; Hale C; Liew FY
1981 J Exper Med 153 (3) Mar 1 557-568 Wa
Leishmania tropica, prophylactic effect of sublethal irradiation as result of abrogation of suppressor T cell generation in genetically susceptible BALB/c mice

Strains, Host
Hurley JC; Day KP; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (3) June 231-240 Wa
Nematospiroides dubius, accelerated rejection of intestinal worms in mice sensitized with adult worms or worm products by various routes, host age, sex, and strain as factors; some slight degree of cross-sensitization with Nippostrongylus brasiliensis

Strains, Host
Jayasekera N et al
1980 Tropenmed u Parasitol 31 (4) Dec 507-511 Wa
Wuchereria bancrofti, strains from Liberia and Sri Lanka differ in their ability to infect different strains of Culex quinquefasciatus, concluded that Liberian C. quinquefasciatus could not provide genes for use in construction of refractory strain intended for replacement of Sri Lankan vector populations

Strains, Host
Jayawardena AN; Kemp JD
1979 Bull World Health Organ 57 suppl 1 255-259 Wa
Plasmodium yoelii and Babesia microti in CBA/N mice which carry X-linked recessive immunological defect, increased duration and severity of infections associated with markedly defective IgM antibody response to parasitized red cells and failure to produce autoantibodies to bromelain-treated mouse red blood cells

Strains, Host
Jenkins DC; Carrington TS
1981 Parasitology 82 (2) Apr 311-318 Wa
Nematospiroides dubius, course of primary, secondary, and tertiary infections in high and low responder Biozzi mice, results imply that host antibodies play essential role in immunity to this parasite and that resistance cannot be attributed solely to non-specific macrophage activity or cell-mediated immune reactions

Strains, Host
Karr SL jr; Wong MM
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 127-128 Wa
Naegleria fowleri HB-1 strain, susceptibility of inbred mice to intranasal infection with high and low virulence isolates

Strains, Host
Landolfo S; et al
1980 J Immunol 124 (2) Feb 508-514 Wm
Trichomonas vaginalis, natural cell-mediated cytotoxicity against this parasite in the mouse, tissue, host strain, and host age distribution, some characteristics of effector cells

Strains, Host
Lewis FA; Wilson EM
1981 Infect and Immun 32 (1) Apr 260-267 Wa
Schistosoma mansoni-infected C57BL/6 vs. CBA mice, host strain differences in lymphocyte responses and in vitro suppressor cell induction

Strains, Host
Lindsley HB et al
1980 Am J Trop Med and Hyg 29 (3) May 348-357 Wa
Trypanosoma rhodesiense in 5 strains of inbred rats, variable severity of glomerulonephritis, correlation with immunoglobulin class-specific antibody responses to trypanosomal antigens and total IgM levels, circulating immune complexes

Strains, Host
Macario AJL; Stahl W; Miller R
1980 Cellular Immunol 56 (1) Nov 235-239 Wm
Toxoplasma gondii, cyclic immunosuppression (to bacterial antigen) in genetic-low-responder mice but not in high-responder strain, no direct correlation between unresponsiveness and gradual lymphoid cell depletion that accompanies chronic toxoplasmosis

Strains, Host
Mackey LJ et al
1980 Clin and Exper Immunol 42 (3) Dec 412-420 Wa
Plasmodium berghei in 5 strains of mice, immunopathology of lesions in brain, kidney, liver, and spleen

Strains, Host
Mitchell GF et al
1980 Austral J Exper Biol and Med Sc 58 (5) Oct 521-532 Wa
Leishmania tropica, cutaneous leishmaniasis, disease patterns in various inbred mouse strains, disease patterns in reconstituted nude mice of several genotypes, genetic features of nude mouse may contribute to extraordinary potency of T cell reconstitutive manipulations

Strains, Host
Mitchell GF et al
1981 Internat J Parasitol 11 (4) Aug 267-276 Wa
Schistosoma japonicum, susceptibility of mice of various strains, infection characteristics, radioisotopic lung assay for granuloma formation, anti-egg circumoval precipitin responses

Strains, Host
Mitchell GF; Curtis JM; Handman E
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 555-565 Wa
Leishmania tropica, various means of increasing resistance to cutaneous leishmaniasis attempted in genetically susceptible BALB/c mice, aspects of mouse strain variation in susceptibility examined

Strains, Host
Mitchell GF; Rajasekariah GR; Rickard MD
1980 Immunology 39 (4) Apr 481-489 Wa
Taenia taeniaeformis, proposed mechanism of immunologically-mediated genetically-based mouse strain variation in resistance; evidence that both IgG1 and IgG2 fractions of 'immune serum' are required for full expression of passive protection of nude mice

Strains, Host
Murphy JR
1981 Infect and Immun 33 (1) July 199-211 Wa
Plasmodium berghei, nonspecific resistance in some strain B6D2 (but not strain A or ICR) mice generated in response to Mycobacterium bovis infection or Corynebacterium parvum stimulation, protected mice have capacity to produce humoral factor with anti-P. berghei activity

Strains, Host
Neilson JTM; Crandall CA; Crandall RB
1981 Acta Trop 38 (3) Sept 309-318 Wa
Dipetalonema viteae-infected hamsters (3 strains differing in susceptibility), serum immunoglobulin and antibody levels, passive transfer of resistance with serum or cells

Strains, Host
Niederkorn JY; Shadduck JA; Schmidt EC
1981 J Infect Dis 144 (3) Sept 249-253 Wa
Encephalitozoon cuniculi, selected inbred strains of mice showed marked differences in susceptibility and resistance to infection, immune system plays major role in determining course of infection as does genetics, infection can modulate host's immune system

Strains, Host
Nogueira N et al
1981 Exper Parasitol 51 (3) June 325-334 Wa
Trypanosoma cruzi, relative resistance of several inbred mouse strains to Y and CL parasite strains, acquired immunity following sublethal infection, passive transfer of resistance by spleen cells generating macrophage activating factor(s), role of T-cell-enriched immune cells in passive transfer of resistance in vivo and lymphokine production in vitro, relative ability of spleen cells from different strains of mice to generate macrophage activating factor(s) during infection, histological appearance of organs from infected mice

Strains, Host
O'Brien AD; Rosenstreich DL; Taylor BA
1980 Nature London (5781) 287 Oct 2 440-442 Wa
mice, control of natural resistance to Salmonella typhimurium and Leishmania donovani by closely linked but distinct genetic loci

Strains, Host
Olobo JO et al
1980 Austral J Exper Biol and Med Sc 58 (6) Dec 595-601 Wa
Leishmania tropica in mice of susceptible and resistant genotypes, course of infection, antibody responses, immunoglobulin isotype analysis of sera

Strains, Host
Pecora IL et al
1980 Experientia 36 (8) Aug 15 942-944 Wa
Trypanosoma cruzi, frequency distribution inside macrophages from normal or chronically infected resistant and susceptible strains of mice obeys negative binomial type of distribution, implies that 'aggregrating mechanism' operates in T. cruzi:macrophage interaction

Strains, Host
Pecora IL; Barcinski MA
1979 Rev Brasil Biol 39 (2) May 445-450 Wa
Trypanosoma cruzi, role of macrophages in resistant and susceptible strains of mice

Strains, Host
Powell MR; Kuhn RE
1980 J Parasitol 66 (3) June 399-406 Wa
Trypanosoma cruzi in highly susceptible and relatively resistant mouse strains, measurement of cytolytic antibody using terminal radiolabeling procedure

Strains, Host
Prowse SJ; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (6) Dec 603-605 Wa
Nematospiroides dubius in SJL/J (resistant) and C57BL/6 (susceptible) mice and their F_1 hybrids, development of resistance to infection, strain and sex differences

Strains, Host
Rezai HR; Farrell J; Soulsby EL
1980 Clin and Exper Immunol 40 (3) June 508-514 Wa
L[eishmania] donovani, parasite burdens in liver and spleen of various strains of mice, development of resistance, development of antibody, skin reactivity, adoptive transfer of cells and antibody

Strains, Host
Savina MA
1975 Parazitologiia Leningrad 9 (5) Sept-Oct 443-448 Wa
toxoplasms, susceptibility of various strains of mice to virulent and little-virulent strains, host genetic peculiarities

Strains, Host
Schoenberg DA; Cheng TC
1980 Develop and Comp Immunol 4 (4) Fall 617-628 Wa
Biomphalaria glabrata, 2 strains with differing susceptibility to Schistosoma mansoni, lectin-binding specificities of hemocytes as determined by microhemadsorption assays

Strains, Host
Selkirk ME; Sacks DL
1980 Tropenmed u Parasitol 31 (4) Dec 435-438 Wa
Trypanosoma brucei, immunosuppression in 2 mouse strains which differ considerably in their ability to survive infection, results confirm that variation in susceptibility to infection is related to ability to mount IgM response

Strains, Host
Semprevivo LH et al
1981 J Parasitol 67 (1) Feb 8-14 Wa
Leishmania donovani in large number of congenic resistant mouse strains on C57BL/10ScSn background differing at specific histocompatibility loci, course of infection, acquired resistance, induction of pathologic alteration, model for spectral disease

Strains, Host
Sen DK et al
1981 J Parasitol 67 (5) Oct 744-746 Wa
Trypanosoma musculi, susceptibility to infection in 2 mouse strains exposed to various environmental temperatures

Strains, Host
Sen DK; Lankaranifard G; Narain NK
1981 J Protozool 28 (2) May 167-170 Wa
Trypanosoma musculi, effect of holothurin on defense mechanisms of different strains of mice, timing of administration of holothurin appeared to be important factor in observed effect (higher or lower levels of parasitemia than controls), minor variations in parasitemia seemed to be related to mouse strain

Strains, Host
Siebert AE et al
1981 Exper Parasitol 51 (3) June 418-430 Wa
Taenia crassiceps, primary and secondary infections in 2 strains of mice, serum immunoglobulin levels, cestode larval surface immunoglobulins

Strains, Host
Siebert AE jr; Good AH
1980 Exper Parasitol 50 (3) Dec 437-446 Wa
Taenia crassiceps, BALB/c and BDF1 mice, kinetics of primary and secondary infections in vivo, effect of immune serum on larvae in vitro, comparison with previous studies using C3H mice

Strains, Host
Spry CJF; Tai PC; Ogilvie BM
1980 Brit J Exper Path 61 (1) Feb 1-7 Wa
Trichinella spiralis-infected LOU strain rats, development of hypereosinophilia with some features also found in hypereosinophilic syndromes of man, possible use as animal model

Strains, Host
Sullivan JT et al
1981 Internat J Parasitol 11 (6) Dec 481-484 Wa
Schistosoma mansoni, 5 of 7 inbred genetic stocks of Biomphalaria glabrata that are nonsusceptible for NIH-Sm-PR-2 parasite strain revert to nearly complete susceptibility when first infected with Echinostoma paraensei

Strains, Host
Sullivan JT; Richards CS
1981 J Parasitol 67 (5) Oct 702-708 Wa
Schistosoma mansoni, susceptibility of 10 stocks of Biomphalaria glabrata to NIH-Sm-PR-1 and NIH-Sm-PR-2 parasite strains, observation of range of nonsusceptibility or susceptibility among snail stocks nonsusceptible or susceptible to PR-2 as evaluated by parasite development and host tissue response

Strains, Host
Tanowitz HB et al
1981 Exper Parasitol 52 (2) Oct 233-242 Wa
Trypanosoma cruzi, susceptible mouse strains showed inhibition or depression of primary antibody response to sheep red blood cells whereas resistant mouse strains showed either no inhibition or considerable augmentation of this response; mitogenic responses of spleen cells in vitro did not correlate with resistance or susceptibility in vivo

Strains, Host
Tanowitz HB et al
1981 Exper Parasitol 51 (2) Apr 269-278 Wa
Trypanosoma cruzi, susceptible vs. resistant mice infected with Brazil strain, choline acetyltransferase activity in hearts and brains, correlation with parasitemia and pathology

Strains, Host
Theron A
1980 Compt Rend Acad Sc Paris 291 s D Sc Nat (2) Sept 15 279-282 Wa
Schistosoma mansoni originating from Brazil or from Guadeloupe in Biomphalaria glabrata originating from Brazil or from Guadeloupe, emission kinetics of cercariae, demonstration of chronobiological races of parasite

Strains, Host
Thompson JP et al
1981 J Parasitol 67 (5) Oct 728-730 Wa
Brugia malayi, efficient clearance of injected microfilariae in CBA/H mice in contrast to prolonged microfilaremia in CBA/N mice, CBA/N mice have delayed IgG and deficient IgM response in comparison to CBA/H mice, development of acquired resistance in CBA/H but not in CBA/N mice

Strains, Host
Trizio D; Della Bruna C; Isetta AM
1980 Immunology 40 (3) July 353-358 Wa
Schistosoma mansoni in different strains of mice, time course of modification of immune responsiveness after cercarial exposure: antibody response, mitogen responsiveness, delayed hypersensitivity; both immunostimulation and immunodepression observed

Strains, Host
Trotter ER; Peters W; Robinson BL
1980 Ann Trop Med and Parasitol 74 (2) Apr 127-138 Wa
'Leishmania infantum LV9' or L. donovani sensu lato, course of infection in different mouse strains, importance of inoculum size, 2 methods for investigating action of drugs, action of some standard antileishmanial drugs, potential as model for visceral infection

Strains, Host
Underdown BJ et al
1981 J Immunol 126 (2) Feb 669-672 Wm
Giardia muris in C3H/He (susceptible) vs. BALB/c (resistant) mice, ability to resist 2nd infection at various times after drug cure of primary infection, ability of infected females to protect their suckling neonates from challenge infection

Strains, Host
Wakelin D
1980 Parasite Immunol 2 (2) Summer 85-98 Wa
Trichinella spiralis, course of infection in inbred and congenic mice showing rapid and slow responses to infection

Strains, Host
Wakelin D; Donachie AM
1980 Parasite Immunol 2 (4) Winter 249-260 Wa
Trichinella spiralis, adoptive transfer of immunity between inbred strains of mice characterized by rapid and slow immune expulsion used to analyze role of immune and inflammatory events in determining strain-characteristic time of worm expulsion

Strains, Host
Weiss N
1978 Acta Trop 35 (2) June 137-150 Wa
Dipetalonema viteae, course of primary infection in 2 strains of hamster, microfilaraemia in relation to worm burden and humoral immune response, effect of neonatal thymectomy and splenectomy

Strains, Host
White TR et al
1981 J Helminth 55 (3) Sept 167-171 Wa
Mesocestoides corti, mice, invasion of thorax and lungs by tetrathyridia, occurrence of small bodies in peritoneal cavity, phenomena not influenced by host strain or sex or route of administration of tetrathyridial inocula

Strains, Host
Whitelaw DD et al
1980 Infect and Immun 27 (3) Mar 707-713 Wa
Trypanosoma congolense in susceptible mouse strain vs. trypanotolerant mouse strain, host survival, parasitemia and anemia, erythrocyte survival, plasma and erythrocyte volumes, blood biochemistry, immunoglobulin levels, immunosuppression, infectivity neutralization tests on sera, results indicate ability of resistant mice to survive is dependent on humoral antibody

Strains, Host
Williams JF; Shearer AM; Ravitch MM
1981 J Parasitol 67 (4) Aug 540-547 Wa
Taenia taeniaeformis, establishment and growth in female rats of several different inbred and outbred lines and in male vs. female rats of one line, differences in susceptibility between rat strains were overshadowed by variations observed in inbred rats of same strain purchased from different commercial suppliers

Strains, Host
Yoshino TP
1981 Develop and Comp Immunol 5 (2) Spring 229-240 Wa
Schistosoma mansoni-susceptible vs. -refractory Biomphalaria glabrata stocks, comparison of concanavalin A-reactive determinants on hemocyte membranes, receptor binding and redistribution

Strains, Host
Young AS; Leitch BL
1981 Parasitology 83 (1) Aug 199-211 Wa
Rhipicephalus appendiculatus (4 strains), effect of range of constant temperatures during pre-moult and post-moult period of engorged nymphs on their moulting, on development of several stocks of Theileria parva within the ticks, and on resultant infection levels of T. parva in salivary glands of the adult ticks

Strains, Host
van Zon AAJC; Eling WMC
1980 Tropenmed u Parasitol 31 (4) Dec 402-408 Wa
Plasmodium berghei, mice of several strains, pregnancy-associated recrudescence/immunodepression in immune hosts with persisting parasites, differences between gravida I and gravida II, some mice that did not develop recrudescence exhibited pregnancy-associated clearance of persisting parasites

Strains, Parasite
Alcantara A; Brener Z
1978 Acta Trop 35 (3) Sept 209-219 Wa
Trypanosoma cruzi, Y vs. CL strain, uptake by and further development in mouse peritoneal macrophages, effect of opsonization

Strains, Parasite
Araujo FG; Handman E; Remington JS
[1981] J Protozool 27 (4) Nov 1980 397-400
Issued Mar 11 Wa
Trypanosoma cruzi, qualitative and quantitative variations of carbohydrate determinants on cell surface of 3 developmental stages of 3 parasite strains demonstrated by using lectins with different specificities, results suggest that lectin binding may be useful in characterization of parasite strains

Strains, Parasite
Araujo FG; Remington JS
1981 J Immunol 127 (3) Sept 855-859 Wm
Trypanosoma cruzi, characterization of stages and strains by analysis of cell membrane components by electrophoresis and immunoprecipitation

Strains, Parasite
Araujo N et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 890-894 Wa
Schistosoma mansoni strains isolated from treated and untreated patients, susceptibility to chemotherapeutic agents in mice, significant differences seemed to be dependent on strain's specific characters rather than on having been exposed to schistosomicidal drugs

Strains, Parasite
Arowolo RO; Ikede BO
1980 Vet Rec 108 [i e 106] (3) Jan 19 59 Wa
Trypanosoma vivax, Y58 strain, sheep (exper.), variable pattern of parasitaemia and mortality rate, susceptibility of strain to berenil and samorin

Strains, Parasite
Astaf'ev BA; Fedina LV
1975 Parazitologiia Leningrad 9 (4) July-Aug 321-326 Wa
Hymenolepis nana, strains from man, white rats, and Norway rats, adaptation to white mouse, infectivity, developmental rates of tissue stages, localization of cysticercoids in small intestine and mesenteric lymph glands

Strains, Parasite
Avila JL; Avila A; Munoz E
1981 Am J Trop Med and Hyg 30 (4) July 769-774 Wa
Trypanosoma cruzi, mice infected with 6 different parasite strains, parasitemia curves and mortality, effect of allopurinol treatment, marked differences in sensitivity to allopurinol between strains

Strains, Parasite
Babiker EA; Le Ray D
1981 Ann Soc Belge Med Trop 61 (1) Mar 15-29 Wa
Trypanosoma brucei gambiense, adaptation of low virulence stocks to rats and mice, evaluation of some methods previously described for enhancing trypanosome infectivity (rapid passaging, drug-induced immunodepression, use of age-related receptivity), establishment of cloned pleomorphic populations

Strains, Parasite
Barrett TV et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 84-90 Wa
Trypanosoma cruzi, culture forms of 104 stocks isolated from different regions in State of Bahia compared by electrophoresis of 6 enzymes, hosts and distribution of 3 zymodemes, clinical correlations: Bahia State, Brazil

Strains, Parasite
Barretto MP; Ribeiro RD; Belda Neto FM
1979 Rev Brasil Biol 39 (4) Nov 897-899 Wa
Trypanosoma cruzi, 5 strains, amastigotes and trypomastigotes infective to baby white mice after incubation in normal human serum

Strains, Parasite
Barretto MP; Ribeiro RD; Ferriolli Filho F
1980 Rev Brasil Biol 40 (2) May 387-391 Wa
Trypanosoma cruzi, 50 strains isolated from Didelphis marsupialis aurita and D. a. azarae, diagnosis, characteristics and infection patterns studied in laboratory animals and triatomines: Estado de Sao Paulo

Strains, Parasite
Bastos OC; Magalhaes LA; Pareja GB
1979 Rev Saude Pub S Paulo 13 (4) Dec 335-340 Wm
Schistosoma mansoni, behavior of human strain in inbred vs. outbred mice and of wild rodent strain in inbred mice, advantages of use of inbred mice

Strains, Parasite
Bayssade-Dufour C
[1980] Ann Parasitol 54 (6) Nov-Dec 1979 593-61 Wa
Schistosoma mansoni, pattern of cercarial chaetotaxy varies between African and American strains and between human and murine strains, adaptation of human strain to white mice, possible clinical and epidemiological implication with emphasis on situation in Guadeloupe

Strains, Parasite
Beckers A et al
1981 Ztschr Parasitenk 64 (3) 285-296 Wa
Trypanosoma brucei gambiense, 5 stocks from different endemic foci in Central Africa, differences in virulence to laboratory albino rats and white mice, parasitaemia and evolution of disease, indirect immunofluorescence, parasite distribution in various organs, symptoms and gross pathology

Strains, Parasite
Belosevic M; Dick TA
1980 Exper Parasitol 49 (2) Apr 266-276 Wa
Trichinella sp. isolate from polar bear compared with T. spiralis and considered to be physiological variant of that species rather than distinct species: near Churchill, Manitoba, Canada

Strains, Parasite
Bertelli MSM; Brener Z
1980 J Parasitol 66 (6) Dec 992-997 Issued May 1981 Wa
Trypanosoma cruzi, Y vs. CL strains, infection of tissue culture (Vero and bovine embryo skeletal muscle) cells with bloodstream trypomastigotes, results may throw some light on phenomenon of tissue tropism in living host

Strains, Parasite
Borst P et al
1980 Biochim et Biophys Acta 610 (2) Dec 11 197-210 Wm
Trypanosoma brucei, variations in maxi-circle and mini-circle sequences in kinetoplast DNAs from different strains, results could be useful in determining how closely two strains are related and as sensitive tags for individual strains

Strains, Parasite
Borst P et al
1980 Molec and Biochem Parasitol 1 (4) Aug 221-246 Wa
Trypanosoma spp., characterization of non-kinetoplast DNA by restriction endonuclease digestion, can be used to differentiate specie or even strains but not antigenic variants

Strains, Parasite
Bronia DI et al
1980 Medicina Buenos Aires 40 Suppl (1) 154-158 Wm
Trypanosoma cruzi, Tulahuen, ES, and Brazil strains, comparison of fatty acid composition of total cellular lipids and lipid fractions, not a useful criterion for taxonomic identification

Strains, Parasite
Callow LL; Kanhai GK; Vandenberghe A
1981 Trop Animal Health and Prod 13 (2) May 79-82 Wa
Babesia bovis, demonstration of close serological relationship between strains occurring in Australia and Mozambique using indirect fluorescent antibody test, practical implication is that Australian vaccine should protect cattle being introduced into southern Africa from B. bovis-free environments

Strains, Parasite
Carvalho OS; de Souza CP; de Figueiredo PZ
1980 Rev Saude Pub S Paulo 14 (2) June 224-229 Wm
Schistosoma mansoni, Brazilian strains SJ and LE, susceptibility studies in snail vectors Biomphalaria straminea and B. glabrata, B. straminea showed resistance to LE strain

Strains, Parasite
Cassone J; Albaret JL; Jourdane J
1981 Ann Parasitol 56 (4) 381-394 Wa
Schistosoma mansoni, 'cercarial index' (based on variation in chaetotaxy), comparison of strains from Africa and from Guadeloupe upon isolation from naturally infected hosts, after passage in rodents and snails, and laboratory strains, epidemiological implications

Strains, Parasite
Cerva L
1980 Science (4464) 209 Sept 26 1541 Wa
Naegleria fowleri in axenic cultures, trimethoprim inhibits growth of nonvirulent strains but does not affect virulent strains, differences in sensitivity constitute possibility of simple selection of environmental isolates, pathogenicity and virulence of Naegleria spp. may be connected with metabolism of folic acid

Strains, Parasite
Charmot G; Bricaire F; Bastin R
1979 Nouv Presse Med 8 (1) Jan 6 35-38 Wm
Plasmodium ovale, humans, increased number of imported cases in France, characteristics of infection including very variable incubation period, possibility of genetic control of incubation period as a strain characteristic

Strains, Parasite
Cheever AW; Duvall RH; Minker RG
1980 Am J Trop Med and Hyg 29 (6) Nov 1307-1315 Wa
Schistosoma japonicum, rabbits, quantitative parasitologic findings in infections with Japanese vs. Philippine strain: numbers of adult worms, numbers of eggs in tissues, egg distribution in tissues, passage of eggs in feces, morbidity and mortality

Strains, Parasite
Cheever AW; Duvall RH; Minker RG
1980 Am J Trop Med and Hyg 29 (6) Nov 1316-1326 Wa
Schistosoma japonicum, rabbits infected with Japanese vs. Philippine strain, extrahepatic pathology, relation of intestinal lesions to passage of eggs in feces

Strains, Parasite
Chhabra MB; Mahajan RC; Ganguly NK
1980 Indian Vet J 57 (8) Aug 627-631 Wa
Toxoplasma gondii, RH strain vs. local human isolates, mice (exper.), antibody response and serum protein alterations determined by indirect haemagglutination test and electrophoresis respectively, rise in gamma-globulins in later stages appeared to indicate developing immune response

Strains, Parasite
Chin W; Collins WE
1980 Am J Trop Med and Hyg 29 (6) Nov 1143-1146 Wa
Plasmodium falciparum, 3 strains isolated by culture method of Trager and Jensen, strain characteristics (sensitivity to antimalarials, virulence of infections in Aotus monkeys, production of gametocytes) differed markedly depending on ease of adaptation to culture, implications of findings particularly as they may apply to epidemiology of chloroquine-resistant falciparum malaria

Strains, Parasite
Chiu JK et al
1981 Internat J Parasitol 11 (5) Oct 391-397 Wa
Schistosoma japonicum, susceptibility of Oncomelania hupensis formosana recombinants and hybrids with O. h. nosophora to infection with 3 parasite strains, possibility of using O. h. formosana in biological control of S. japonicum

Strains, Parasite
Collins WE et al
1980 J Parasitol 66 (3) June 488-497 Wa
Plasmodium vivax, Chesson strain, parasitemia in Aotus trivirgatus, mosquito infectivity and transmission studies

Strains, Parasite
Collins WE et al
1980 J Parasitol 66 (5) Oct 780-785 Wa
Plasmodium vivax, West Pakistan strain, in Aotus trivirgatus griseimembra and anopheline mosquitoes

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1981 Am J Trop Med and Hyg 30 (3) May 538-540 Wa
Plasmodium falciparum, strain from Hainan, People's Republic of China, establishment in Aotus trivirgatus griseimembra, infectivity to different anophelines

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Corsini AC et al
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 192-196 Wm
Trypanosoma cruzi strain Y, susceptibility of various inbred mouse strains to infection. F1 mice recommended as good model for experimental Chagas infection as acute and chronic phases were well characterized in this strain

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1980 Ztschr Parasitenk 61 (2) 179-185 Wa
Trypanosoma cruzi strain Y, susceptible and resistant mice, unimpaired delayed type hypersensitivity reactions

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1981 Tr Roy Soc Trop Med and Hyg 75 (2) 274-281 Wa
Trypanosoma cruzi, comparison of drug sensitivities of 3 parasite strains in inbred A/Jax mice

Strains, Parasite
Croft SL; Chance ML; Gardener PJ
1980 Ann Trop Med and Parasitol 74 (6) Dec 585-589 Wa
Endotrypanum, 7 strains, ultrastructural and biochemical (nuclear and kinetoplast DNA buoyant density; enzyme electrophoresis) characterization, division into 2 taxonomic units but separation does not agree with original identification as E. schaudinni or E. monterogeii, stock isolated from Lutzomyia trapidoi was identified as Endotrypanum sp.

Strains, Parasite
Daggett PM et al
[1981] J Protozool 27 (4) Nov 1980 353-361 Issued Mar 11 Wa
method for coding data on protozoan strains for computers

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1978 Ann Soc Belge Med Trop 58 (2) June 95-102 Wa
Toxoplasma gondii, strains virulent to mice differ in their capacity to infect pigs (exper.) and cause development of cysts in these pigs

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1978 J Wildlife Dis 14 (1) Jan 124-131 Wa
Leucocytozoon simondi, development and pathogenicity in Branta canadensis maxima at 3 different locations, evidence of parasite strain differences and implications in wild-fowl management practices: upper peninsula of Michigan

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1980 J Helminth 54 (2) June 117-122 Wa
Wuchereria bancrofti (rural strain), successful experimental transmission to immunosuppressed Macaca fascicularis, description of worms

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Dore E et al
1980 Molec and Biochem Parasitol 1 (4) Aug 199-208 Wa
Plasmodium berghei, NK65 vs. ISTISAN strain, kinetic complexity and repetitivity of DNA

Strains, Parasite
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1980 Tropenmed u Parasitol 31 (1) Mar 41-54 Wa
Onchocerca volvulus, 3 strains in Pan troglodytes (exper.), prepatent periods and microfilarial productivity, duration of infections, microfilarial distribution in body in relation to site of inoculation of infective larvae, location and numbers of adult worm bundles, absence of ocular lesions

Strains, Parasite
Dvorak JA; Hartman DL; Miles MA
[1981] J Protozool 27 (4) Nov 1980 472-474 Issued Mar 11 Wa
Trypanosoma cruzi, correlation of growth kinetics in vitro to zymodeme type in clones derived from various sources

Strains, Parasite
Ferguson DJP; Hutchison WM
1981 Ann Trop Med and Parasitol 75 (5) Oct 539-546 Wm
Toxoplasma gondii, avirulent vs. virulent strains in peritoneal exudate of mice, comparison of methods of asexual multiplication (endodyogeny, repeated endodyogeny, binary and multiple fission)

Strains, Parasite
Ferretti G; Gabrielle F; Palmas C
1981 Internat J Parasitol 11 (6) Dec 425-430 Wa
Hymenolepis nana, development of human and mouse strains in mice of different ages and strains, "data leave little room for maintaining the diversity of H. fraterna and H. nana"

Strains, Parasite
Fletcher M; LoVerde PT; Woodruff DS
1981 Am J Trop Med and Hyg 30 (2) Mar 406-421 Wa
Schistosoma mansoni, populations from Africa, Southwest Asia, South America, and West Indies, genetic variation in enzyme polymorphisms (electrophoresis on starch gels), geographic and sexual differences

Strains, Parasite
Gill BS et al
1980 Research Vet Sc 29 (1) July 93-97 Wa
Theileria annulata, susceptible calves, immunological relationships among 5 Indian strains (virulence, protection against homologous and heterologous challenges)

Strains, Parasite
Gonzalez-Cappa SM et al
1980 Rev Inst Med Trop S Paulo 22 (6) Nov-Dec 275-280 Wm
Trypanosoma cruzi, several strains, activity of immune sera on surface antigens

Strains, Parasite
Gray AR; Luckins AG
1980 Insect Sc and Its Applic 1 (1) 69-72 Wa
Trypanosoma congolense, 4 stocks, occurrence of local skin reactions in calves, sheep, and rabbits at sites of bites of infected Glossina morsitans, antibody responses of infected rabbits, local skin reaction responses in rabbits on rechallenge with homologous vs. heterologous stock, possible epidemiological importance of differences between parasite stocks

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Grootenhuis JG; Young AS; Uilenberg G
1981 Vet Parasitol 8 (1) Feb 39-47 Wa
Theileria taurotragi from Taurotragus oryx, Theileria sp. (Idobogo) from cattle, cross-transmission and cross-immunity studies, appears that they represent strains of the same species which are adapted to different hosts

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Guerrant RL et al
1981 J Infect Dis 143 (1) Jan 83-93 Wa
Entamoeba histolytica, strains with different degrees of virulence, interactions with human polymorphonuclear neutrophils examined in animal and tissue culture systems, contact-dependent ability of virulent amoebae to kill and phagocytize host neutrophils may be important in their pathogenic capacity

Strains, Parasite
Haggerty RM; John DT
1980 Proc Helminth Soc Washington 47 (1) Jan 129-134 Issued Feb 15 Wa
Naegleria fowleri, virulence for mice, effect of incubation temperature, growth phase, strain of parasite, and length of time in axenic culture

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1980 Infect and Immun 29 (1) July 215-220 Wa
Toxoplasma gondii, mice infected with strains of different virulence, sequence of antibody response to parasite surface antigens

Strains, Parasite
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1981 Biochem Parasites (Slutzky) 47-65 Wa
Leishmania braziliensis, cell surface properties, differences between amastigotes and promastigotes and between pathogenic and non-pathogenic strain; kinetics of production and secretion of leishmanial metabolic products, biochemical and chemical characteristics of secreted material, cellular processes that accompany its exclusion from cell's interior

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1980 Ann Trop Med and Parasitol 74 (3) June 373-375 Wa
Entamoeba histolytica, antigenic variations among virulent strains, antigenic relationships between the strains

Strains, Parasite
Isoun MJ; Isoun TT
1981 Vet Parasitol 8 (2) May 127-131 Wa
Trypanosoma brucei brucei, 3 strains of T. vivax, oxygen uptake

Strains, Parasites
Jayasekera N et al
1980 Tropenmed u Parasitol 31 (4) Dec 507-511 Wa
Wuchereria bancrofti, strains from Liberia and Sri Lanka differ in their ability to infect different strains of Culex quinquefasciatus, concluded that Liberian C. quinquefasciatus could not provide genes for use in construction of refractory strain intended for replacement of Sri Lankan vector populations

Strains, Parasite
Jenni L
1977 Acta Trop 34 (1) Mar 35-41 Wa
Trypanosoma brucei, modified infection and maintenance procedure for cyclical transmission which produced high mature infection rates in Glossina m. morsitans, different antigenic types of cyclically transmitted parasite strains and cloned derivatives

Strains, Parasite
Jones TW et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 560-565 Wa
Trypanosoma brucei gambiense, use of culture-derived metacyclic trypanosomes in studies on serological relationships of 5 stocks from 4 African countries

Strains, Parasite
Karr SL jr; Wong MM
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 127-128 Wa
Naegleria fowleri HB-1 strain, susceptibility of inbred mice to intranasal infection with high and low virulence isolates

Strains, Parasite
Khairy N; El-Hashimi W
1980 Ann Trop Med and Parasitol 74 (1) Feb 29-35 Wa
Leishmania donovani, 3 isolates from kala-azar patients with severe or mild clinical picture, course of infection in hamsters and mice, possible existence of more than one L. donovani strain in Iraq

Strains, Parasite
Kreutzer RD; Christensen HA
1980 Am J Trop Med and Hyg 29 (2) Mar 199-208 Wa
Leishmania spp., characterization of species and strains by isozyme patterns on cellulose acetate electrophoresis

Strains, Parasite
Kreutzer RD; Sousa OE
1981 Am J Trop Med and Hyg 30 (2) Mar 308-317 Wa
Trypanosoma spp., isozyme patterns, cellulose acetate electrophoresis, variability between species and strains, potential for rapid trypanosome isolate identification, some indication that isozyme types were associated with geographical distribution

Strains, Parasite
Kumaratilake LM; Thompson RCA; Dunsmore JD
1979 Ztschr Parasitenk 60 (3) 291-294 Wa
Echinococcus granulosus, E. multilocularis, inter- and intraspecific differences detected by isoelectric focusing of cestode soluble proteins, potential value in speciation of Echinococcus and in determining biochemical differences between intraspecific variants

Strains, Parasite
Kuntz RE; Huang TC; Moore JA
1979 Proc Helminth Soc Washington 46 (2) July 275-277 Issued Aug 14 Wa
Schistosoma mansoni in Didelphis marsupialis (exper.), comparison of 4 geographic strains (Egypt; Kenya; Puerto Rico; South Africa): worm recoveries, parasite and egg distribution in visceral organs, eggs/worm pair, total body egg counts

Strains, Parasite
Kutish GF; Janovy J jr
1981 J Parasitol 67 (4) Aug 457-462 Wa
Leishmania donovani, inhibition of in vitro macrophage digestive capacity by preinfection with 2S parasite strain (infective for hamsters), development of bioassay in which in vitro digestion rate of Leptomonas costoris was taken as measure of macrophage digestive capacity, Khartoum strain of L. donovani (non-infective for hamsters) did not cause suppression of macrophage digestive capacity

Strains, Parasite
Leon W et al
1980 Biochim et Biophys Acta 607 (2) Apr 30 221-231 Wa
Trypanosoma cruzi, maxi-circles and mini-circles in kinetoplast DNA; mini-circle digestion patterns may not be stable and reliable criterion for strain characterization

Strains, Parasite
Lewis D et al
1980 Parasitology 81 (1) Aug 145-155 Wa
Babesia divergens, human and bovine strains from Drumnadrochit, Scotland, isolation and characterization, morphometric analysis, reactions of splenectomized calves to infection with the 2 strains

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Lopez-Revilla R; Said-Fernandez S
1980 Am J Trop Med and Hyg 29 (2) Mar 209-212 Wa
Entamoeba spp., cytopathogenicity, hemolytic activity of trophozoite homogenates of 7 strains found to be dose-dependent and strain-specific

Strains, Parasite
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1980 J Med Entom 17 (4) July 31 375-379 Wa
Amblyomma spp., organochlorine-resistant and -susceptible strains, susceptibility to cholinesterase-inhibiting acaricides, differences were considered to arise from variation in natural tolerance

Strains, Parasite
MacAskill JA et al
1981 Immunology 43 (4) Aug 691-698 Wa
Trypanosoma brucei, mice infected with ^{75}Se-labelled trypanosomes, acute fulminating infections were result of inability of host to achieve effective levels of circulating antibody to cope with massive parasitaemias, not due to impaired macrophage function, no evidence that parasite caused any significant suppression of antibody responses, comparison with parasite strain which caused more chronic infection

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McGhee RB; Weathersby AB
1979 Bull World Health Organ 57 suppl 1 227-229 Wa
Plasmodium gallinaceum, variations in virulence for avian embryos after repeated passages in mosquitos and chickens, thought that variations reflect alterations in genetic moiety of parasites after recombinations occurring during sexual cycle in different batches of mosquitos

Strains, Parasite
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1979 Wiadom Parazytol 25 (2) 197-206 Wa
Trichinella spiralis, various geographic strains and their biological properties

Strains, Parasite
McManus DP
1981 J Helminth 55 (1) Mar 21-27 Wa
Echinococcus granulosus, adult and cystic stages of human and animal origin from Kenya, biochemical composition, metabolic studies, results suggest unusually complex strain situation

Strains, Parasite
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1981 Molec and Biochem Parasitol 3 (1) May 19-31 Wa
Trypanosoma brucei brucei, parasite strain-related pattern of cyclic 3',5'-adenosine monophosphate changes during parasite developmental cycle in normal and immunosuppressed rats, possible regulatory role of cyclic AMP in differentiation of trypanosomes

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1980 Rev Brasil Biol 40 (1) Feb 149-154 Wa
Trypanosoma cruzi, 16 strains isolated from man, wild mammals, and triatomes, behavior in culture media

Strains, Parasite
Mas Bakal P; in't Veld N
1979 Acta Leidensia 47 37-44 Wa
Toxoplasma (RH and Burk strains), mice (exper.), suspected toxoplasmosis in patients, value of circulating antigen, antibody, and parasitaemia in distinguishing acute, latent, and superinfections, enzyme-linked immunosorbent assay, Sabin Feldman dye test

Strains, Parasite
Maurois P et al
1980 Ann Trop Med and Parasitol 74 (1) Feb 17-28 Wa
Plasmodium spp., strains of varying virulence, mice, kinetic study of serum lipoproteins, total cholesterol, and triacylglycerides

Strains, Parasite
van der Meer P et al
1981 Vet Quart 3 (2) Apr 61-65 Wa
Theileria species and strains, erythrocytic stage, isoenzyme studies using isoelectric focusing

Strains, Parasite
de Meirelles MNL; Jorge TCA; de Souza W
1980 Parasitology 81 (2) Oct 373-381 Wa
Trypanosoma cruzi, Y vs. CL strains, kinetic data on interaction between epimastigote and trypomastigote forms and chicken macrophages

Strains, Parasite
Mello DA; Valin E; Teixeira ML
1979 Rev Saude Pub S Paulo 13 (4) Dec 314-325 Wm
Trypanosoma cruzi, wild strains (collected during study of reservoir hosts) in experimental hosts, parasitemia, prepatent period, pathogenicity, pathology, tissue tropism: county of Formosa, State of Goias, Brasil

Strains, Parasite
Melrose TR; Brown CGD; Sharma RD
1980 Research Vet Sc 29 (3) Nov 298-304 Wa
Theileria annulata- and T. parva-infected bovine lymphoblastoid cell lines, glucose phosphate isomerase isoenzyme patterns, improved enzyme visualization method using meldola blue, species and strain differences

Strains, Parasite
Melrose TR; Walker AR; Brown CGD
1981 Trop Animal Health and Prod 13 (2) May 70-78 Wm
Theileria, identification of infections in salivary glands of vector ticks using isoenzyme electrophoresis, clear separation of parasite enzyme from tick salivary gland enzyme, differentiation of isoenzymes between parasite species and strains

Strains, Parasite
Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 221-237 Wa
Trypanosoma cruzi, further enzymic characters, critical assessment of present and prospective value of enzyme electrophoresis for strain identification

Strains, Parasite
Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 243-252 Wa
Leishmania mexicana amazonensis, L. hertigi subspp., methods for enzymic characterization, possible use in identification

Strains, Parasite
Miles MA et al
1981 Lancet London (8234) 1 June 20 1338-1340 Wa
Trypanosoma cruzi, comparison of radically dissimilar enzymic strains (zymodemes Z1, Z2, Z3) from endemic and non-endemic areas of Venezuela and Brazil, findings suggest that these zymodemes may represent subspecific groups of fundamental epidemiological and medical importance

Strains, Parasite
Minami T et al
1980 National Inst Animal Health Quart Tokyo 20 (2) Summer 44-52 Wa
Theileria sergenti, comparison of Japanese and Russian strains in cattle: morphology, clinical and hematologic findings, transmission by Haemaphysalis longicornis, serology in complement fixation and indirect fluorescent antibody tests

Strains, Parasite
Morel C et al
1980 Proc National Acad Sc Biol Sc 77 (11) Nov 6810-6814 Wa
Trypanosoma cruzi, characterization of strains and clones by pattern of restriction endonuclease products of kinetoplast DNA minicircles, proposal of new terminology to classify hemoflagellates into 'schizodemes'; procedure may also be useful for classification of pathogenic Leishmania

Strains, Parasite
Morel C; Simpson L
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1070-1074 Wa
Trypanosoma cruzi, characterization of stocks, strains, and clones by restriction endonuclease fingerprinting of kinetoplast DNA minicircles, technique should be useful for other pathogenic Trypanosomatidae

Strains, Parasite
Muller R
1979 Symposia Brit Soc Parasitol 17 175-206 Wa
Onchocerca, differentiation of species, intraspecific variation in O. volvulus, review

Strains, Parasite
Nogueira N et al
1981 Exper Parasitol 51 (3) June 325-334 Wa
Trypanosoma cruzi, relative resistance of several inbred mouse strains to Y and CL parasite strains, acquired immunity following sublethal infection, passive transfer of resistance by spleen cells generating macrophage activating factor(s), role of T-cell-enriched immune cells in passive transfer of resistance in vivo and lymphokine production in vitro, relative ability of spleen cells from different strains of mice to generate macrophage activating factor(s) during infection, histological appearance of organs from infected mice

Strains, Parasite
Norton CC; Joyner LP
1981 Parasitology 83 (2) Oct 269-279 Wa
Eimeria acervulina, E. mivati, 3 strains of each species, comparison of oocyst shape and measurements, life-cycles, and ability to develop in chicken embryo

Strains, Parasite
Pernin P; Riany A
1980 Ann Parasitol 55 (5) Sept-Oct 491-502 Wa
Acanthamoeba, 8 strains (6 species) isolated from swimming pools, comparative pathogenicity for mice, A. culbertsoni as reference strain

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Pinder M; Hewett RS
1980 J Immunol 124 (2) Feb 1000-1001 Wm
Theileria parva parva, T. p. lawrencei, monoclonal antibodies detect antigenic diversity between strains

Strains, Parasite
Ponnudurai T; Leeuwenberg ADEM; Meuwissen JHET
1981 Trop and Geogr Med 33 (1) Mar 50-54 Wa
Plasmodium falciparum adapted to in vitro culture, using differences in chloroquine sensitivity of isolates as a strain marker was not successful

Strains, Parasite
Prost A; Rougemont A; Omar MS
1980 Ann Parasitol 55 (3) May-June 347-355 Wa
Onchocerca volvulus, human, epidemiological, clinical, and biological characters of savanna vs. forest onchocerciasis, possible factors influencing differences, evidence of 2 parasite strains associated with differences in pathogenicity, in biochemical structure, and with different vector species: West Africa

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Puri SK; Dutta GP
1981 Indian J Med Research 73 Suppl Jan 29-35 Wa
Plasmodium berghei, blood schizontocidal activity of antibiotics against sensitive (normal) and 3 drug resistant strains (against chloroquine, pyrimethamine, primaquine) evaluated in Swiss mice

Strains, Parasite
Ramasamy R; Jamnadas H; Mutinga MJ
1981 Internat J Parasitol 11 (5) Oct 387-390 Wa
Leishmania promastigotes, proteins and surface proteins, electrophoretic analysis, differences between 2 strains likely to be Leishmania donovani (from kala-azar patient and from Phlebotomus martini) and Leishmania species from P. bedfordi, such differences may provide additional biochemical tools for classifying Leishmania: Kenya

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Ready PD; Miles MA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 238-242 Wa
Trypanosoma cruzi, delimitation of zymodemes by numerical taxonomy

Strains, Parasite
Repka D et al
1980 Tropenmed u Parasitol 31 (2) June 239-246 Wa
Trypanosoma cruzi, surface antigenic determinant of epimastigote forms common to trypomastigote and amastigote forms of different strains

Strains, Parasite
Ribeiro RD et al
1980 Rev Brasil Biol 40 (1) Feb 51-58 Wa
Trypanosoma cruzi, 3 strains isolated from Callithrix jacchus were pathogenic for white mice, experimental infection of T[riatoma] infestans, T. vitriceps, and R[hodnius] neglectus, role of C. jacchus as wild reservoir; blood trypomastigotes of monkey strain not inactivated by normal human serum and cross immunity tests showed that mice recovered from infections with monkey strains had high resistance against re-infection by Y strain of T. cruzi: Estado de Bahia, Brasil

Strains, Parasite
Sacks DL et al
1980 Nature London (5746) 283 Jan 31 476-478 Wa
Trypanosoma brucei brucei, intrinsic immunosuppressive activity of different strains varies with parasite virulence

Strains, Parasite
Said-Fernandez S; Lopez-Revilla R
1981 Ztschr Parasitenk 65 (1) 11-17 Wa
Entamoeba histolytica, 4 axenic strains, dose- and strain-dependent modulation of trophozoite homogenates upon DNA synthesis in cultures of Chinese hamster ovary cell line, results indicate that modulatory ability of cytotonic amebal factor(s) may play significant role in amebal virulence

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Salata E; Rangel HA
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 231-241 Wm
Trypanosoma cruzi, mice infected with Y vs. Nicaragua strains, mortality rate, persistence of parasitemia, level of various serum protein components

Strains, Parasite
Sanderson A; Walliker D; Molez JF
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 263-267 Wa
Plasmodium falciparum, enzyme typing of freeze-dried and freshly cultured isolates from African and some other Old World countries

Strains, Parasite
Savina MA
1975 Parazitologiia Leningrad 9 (5) Sept-Oct 443-448 Wa
toxoplasms, susceptibility of various strains of mice to virulent and little-virulent strains, host genetic peculiarities

Strains, Parasite
Schmidt LH; Esslinger JH
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 5-11 Wa
Plasmodium falciparum, infections with various strains in Aotus trivirgatus griseimembra exhibiting microfilaremias are usually less severe than infections with the same strains in nonmicrofilaremic monkeys, microfilariae found included Dipetalonema gracile, Tetrapetalonema barbascalensis, T. panamensis, and unidentified species 'Aotus C'; some brief observations on P. vivax infections

Strains, Parasite
Schnur LF et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
Leishmania strains isolated in Old and New World from human visceral cases, dogs, and wild animals thought to be reservoirs of human visceral leishmaniasis, biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant densities, excreted factor serotypes, and electrophoretic mobilities of enzymes), ability of L. tropica-like organisms to visceralize, non-L. tropica organisms considered as essentially being single complex that is widely distributed in world

Strains, Parasite
Semprevivo LH; Yusuf JN; Honigberg BM
1981 Ztschr Parasitenk 65 (1) 43-51 Wa
Leishmania donovani, 2 substrains, changes in growth rates of promastigotes and amastigotes as well as in infectivity of promastigotes during course of cultivation, animal passages, and heat adaptation

Strains, Parasite
Shirley MW; Hoyle SR
1981 J Parasitol 67 (4) Aug 587-588 Wa
Eimeria maxima, chickens, antigenicity of parasite populations obtained from commercial farms, cross-immunity tests, results suggest that E. maxima does not normally undergo major changes in its antigenic composition and that a coccidiosis vaccine consisting of suitable number of strains could prove effective in individual houses over long period of time

Strains, Parasite
Smeal MG; Donald AD
1981 Parasitology 82 (3) June 389-399 Wa
Ostertagia ostertagi, seasonal occurrence of inhibited development, effects of transfer of strains differing in inhibition-proneness between geographical regions of Australia, results suggest that strain difference is genetically determined

Strains, Parasite
Smeal MG; Fraser GC; Robinson GG
1980 Austral Vet J 56 (2) Feb 80-86 Wa
cattle nematodes, proportions of inhibited larvae in population make-up in 3 climatic regions, seasonal trends of inhibition may be due to strain differences, climatic factors, immunity, worm density-dependence: New South Wales

Strains, Parasite
Smyth JD
1979 Symposia Brit Soc Parasitol 17 75-101 Wa
possible application of in vitro culture techniques to (a) identification of trematode metacercariae, (b) identification of taeniid eggs, and (c) determination of strain differences in Echinococcus spp.

Strains, Parasite
Southgate VR et al
1980 Ztschr Parasitenk 63 (3) 241-249 Wa
Schistosoma bovis isolate from Tanzania, egg morphology, snail infection experiments, enzyme types identified by isoelectric focusing, intraspecific variation

Strains, Parasite
Su KE
1980 Bull Inst Zool Acad Sinica 19 (2) July 41-55 Wa
Trichomonas vaginalis, 5 strains, antigenic composition and relationships analyzed by immunoelectrophoresis

Strains, Parasite
Sullivan JT et al
1981 Internat J Parasitol 11 (6) Dec 481-484 Wa
Schistosoma mansoni, 5 of 7 inbred genetic stocks of Biomphalaria glabrata that are nonsusceptible for NIH-Sm-PR-2 parasite strain revert to nearly complete susceptibility when first infected with Echinostoma paraensei

Strains, Parasite
Sullivan JT; Richards CS
1981 J Parasitol 67 (5) Oct 702-708 Wa
Schistosoma mansoni, susceptibility of 10 stocks of Biomphalaria glabrata to NIH-Sm-PR-1 and NIH-Sm-PR-2 parasite strains, observation of range of nonsusceptibility or susceptibility among snail stocks nonsusceptible or susceptible to PR-2 as evaluated by parasite development and host tissue response

Strains, Parasite
Tait A
1981 Molec and Biochem Parasitol 2 (3-4) Feb 205-218 Wa
Plasmodium falciparum, proteins of cultured isolates, labelling with [35S]methionine, analysis of variation by two-dimensional gel electrophoresis, technique can be applied to strain typing of malaria parasites

Strains, Parasite
Thaithong S; Beale GH
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 271-273 Wa
Plasmodium falciparum, in vitro drug resistance tests of 10 Thai isolates to chloroquine and pyrimethamine

Strains, Parasite
Thaithong S; Sueblinwong T; Beale GH
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 268-270 Wa
Plasmodium falciparum, enzyme typing of some isolates from Thailand and Cambodia

Strains, Parasite
Theron A
1980 Compt Rend Acad Sc Paris 291 s D Sc Nat (2) Sept 15 279-282 Wa
Schistosoma mansoni originating from Brazil or from Guadeloupe in Biomphalaria glabrata originating from Brazil or from Guadeloupe, emission kinetics of cercariae, demonstration of chronobiological races of parasite

Strains, Parasite
Thiermann E
1975 Rev Med Chile 103 (3) Mar 170-174 Wm
Toxoplasma gondii, 27 human strains, strain virulence in mice is not a good criterion for estimating pathogenicity in human host

Strains, Parasite
Tibayrenc M; Cariou ML; Solignac M
1981 Compt Rend Acad Sc Paris 292 s III Sc Vie (9) Mar 2 623-625 Wm
Trypanosoma cruzi (several strains), T. rangeli, Leishmania b. brasiliensis, analysis of enzyme variability, genetic interpretation of zymograms

Strains, Parasite
Torruella M et al
1981 Comp Biochem and Physiol 70B (3) 463-468 Wa
Trypanosoma cruzi, 6 stocks, T. rangeli, 3 stocks, glutamate dehydrogenases, proteolytic activities, levels and properties, 3 stocks of T. rangeli were more similar to some T. cruzi stocks than the latter were to each other

Strains, Parasite
Uilenberg G et al
1980 Vet Quart 2 (1) Jan 3-14 Wa
Babesia motasi (Netherlands), sheep (blood) (nat. and exper.), comparison with other Babesia of sheep, morphological and serological comparison with B. motasi (Turkey), pathogenicity in splenectomized sheep and effective treatment with diminazene and amicarbalide, cross-immunity tests with B. motasi (Turkey), tick transmission studies indicate Haemaphysalis punctata is a vector: Ameland and Texel, the Netherlands

Strains, Parasite
Valadares TE et al
1981 Rev Inst Med Trop S Paulo 23 (1) Jan-Feb 1-5 Wm
Schistosoma mansoni, mice, localization and migrating behavior of oviposition of 3 parasite strains compared

Strains, Parasite
Voge M; Mansour NS
1980 J Parasitol 66 (5) Oct 862-863 Wa
Schistosoma mansoni, Egyptian strain, extensive folding of one edge of gynecophoral canal revealed by scanning electron microscopy, not found in other geographic strains

Strains, Parasite
Walzer PD; Rutledge ME
1980 J Infect Dis 142 (3) Sept 449 Wa
Pneumocystis carinii, serum antibody titers of rat, mouse, and human compared by immunofluorescence, observations support possibility of strain or species differences in this organism

Strains, Parasite
Warton A; Honigberg BM
[1981] J Protozool 27 (4) Nov 1980 410-419 Issued Mar 11 Wa
Trichomonas vaginalis, 2 strains differing in pathogenicity, lectin analysis of surface saccharides

Strains, Parasite
Whitlock HV et al
1980 Research Vet Sc 29 (1) July 31-35 Wa
Trichostrongylus colubriformis and Ostertagia spp. resistant to levamisole, morantel tartrate and thiabendazole, pure strains isolated, detailed dose responses, sheep (exper.)

Strains, Parasite
Wilson PAG; Simpson NE
1981 Parasitology 83 (3) Dec 459-475 Wa
Strongyloides ratti, nulliparous female rats, nursing mothers and their pups, dynamics of infection and route of migration in low dose infections of homogonic and heterogonic parasite strains

Strains, Parasite
Wilson RJM
1980 Nature London (5755) 284 Apr 3 451-452 Wa
Plasmodium falciparum, serotyping isolates using S-antigens as markers

Strains, Parasite
Wright IG; Goodger BV; Mahoney DF
1981 J Protozool 28 (1) Feb 118-120 Issued June 18 Wa
Babesia bovis, virulent and avirulent strains, relationship between parasite protease content and pathophysiological effect of strains in cattle

Strains, Parasite
Young AS; Leitch BL
1981 Parasitology 83 (1) Aug 199-211 Wa
Rhipicephalus appendiculatus (4 strains), effect of range of constant temperatures during pre-moult and post-moult period of engorged nymphs on their moulting, on development of several stocks of Theileria parva within the ticks, and on resultant infection levels of T. parva in salivary glands of the adult ticks

Stress
Anosa VO; Obi TU
1980 Zentralbl Vet Med Reihe B 27 (9-10) 773-788 Wa
haematology and incidence of blood protozoans and helminths in 4 breeds of cattle under nutritional stress, role of host age, breed, and haemoglobin type

Stress
Boyce NP
1979 Canad J Zool 57 (3) Mar 597-602 Wa
Eubothrium salvelini-infected Oncorhynchus nerka (exper.), deleterious effect on growth, survival, and swimming performance of fish

Stress
El-Shafei S et al
1980 Middle East J Anaesth 5 (6) Feb 407-416 Wm
bilharzial vs. non-bilharzial individuals, effects of stress of various anaesthesias and of surgery, changes in hormonal levels

Stress
Ould P; Welch HE
1980 Canad J Zool 58 (2) Feb 228-234 Wa
Echinuria uncinata-infected mallard ducks stressed by crowding or by injecting with cortisone retained greater numbers and larger nematodes at necropsy than infected nontreated controls

Stress
Pascoe D; Woodworth J
1980 Ztschr Parasitenk 62 (2) 159-163 Wa
Gasterosteus aculeatus, effects of various combinations of 3 stresses (parasitism by Schistocephalus solidus, dietary restriction, exposure to cadmium) on survival time

Stress
Sen DK et al
1981 J Parasitol 67 (5) Oct 744-746 Wa
Trypanosoma musculi, susceptibility to infection in 2 mouse strains exposed to various environmental temperatures

Sudan
Abu-Samra MT; Imbabi SE; Mahgoub ES
1981 Ann Trop Med and Parasitol 75 (6) Dec 627-637 Wa
mange in domestic animals, survey, clinical picture, histopathology, treatment; new technique for isolation of Demodex folliculorum var. bovis: Sudan

Sugars See Carbohydrates

Superparasitism See Hyperparasitism; Mixed infections

Surfaces, Parasite See Parasite surfaces

Surgery
Abdel-Halim RE
1980 Brit J Urol 52 (4) Aug 280-284 Wm
schistosomiasis, human ureter, ileal loop replacement as surgical management of extensive infection of ureter, improves kidney function

Surgery
Aboul-Enein A
1980 J Cardiovas Surg 21 (5) Sept-Oct 574-577 Wm
schistosomal hepatic fibrosis with moderate ascites, patients, new surgical technique for internal decompression of thoracic duct in portal hypertension

Surgery
Abrantes WL et al
1981 AMB Rev Ass Med Brasil 27 (3) Mar 110 Wm
schistosomiasis, hepatosplenic infections with associated pulmonary hypertension, humans, embolization of splenic artery for treatment of acute cor pulmonale following selective portal decompression

Surgery
Ahrari H
1978 Bull Soc Path Exot 71 (1) Jan-Feb 90-94 Wa
Taenia echinococcus granulosus, human, cetrimide treatment of cyst cavity after surgical removal of cyst, prevents recurrence

Surgery
Al'perovich BI; Paramonova LM; Tiul'kov GI
1979 Vestnik Khir 123 (10) Oct 27-31 Wm
alveococcosis, human hepatic cysts, cryogenic surgery

Surgery
Al'perovich BI; Paramonova LM; Tiul'kov GI
1980 Khirurgiia (1) Jan 70-72 Wm
alveococcosis, echinococcosis, human hepatic cysts, cryogenic surgery

Surgery
Al-Shukri SH
1980 Urol i Nefrol (4) July-Aug 43-46 Wm
schistosomiasis, humans, resulting in ureteral stenosis, surgical therapy

Surgery
Aouchiche M; Hartani D
1980 J Franc Ophtal 3 (8-9) 457-461 Wm
echinococcosis, human orbital hydatid cysts, pathological aspects, diagnosis, surgical management

Surgery
Aris A et al
1981 Ann Thoracic Surg 31 (6) June 564-568 Wm
echinococcosis, woman, left ventricular and lower lobe pulmonary cysts, successful surgical removal in one-stage procedure with cardiopulmonary bypass, case report: Spain

Surgery
Askerkhanov RP
1980 Klin Khirurg (11) Nov 27-30 Wm
echinococcosis, amoebiasis, human hepatic abscesses, analysis of 346 cases, indications for surgery, surgical approach, and management of abscesses

Surgery
Askerkhanov RP; Magomedov AZ; Gadzhiev SG
1979 Vestnik Khir 122 (6) June 65-71 Wm
ascariasis, human gastrointestinal tract, complications requiring surgical treatment

Surgery
Assadourian R et al
1980 J Chir Paris 117 (2) Feb 115-120 Wm
echinococcosis, human hepatic cysts, current diagnostic procedures and surgical management: France

Surgery
Bacalbasa N; Nichiteanu C
1980 Rev Chir (Chirurgia) Bucuresti 29 (6) Nov-Dec 467-468 Wm
hydatid cyst, 18-year-old patient, fatal anaphylactic shock as a result of cyst rupture during general anesthesia and surgery

Surgery
Bacciu PP et al
1980 Chir Ital 32 (4) Aug 783-789 Wm
echinococcosis, human, case report, gall bladder infection, surgical management, diagnostic problems

Surgery
Bader O et al
1979 Wiadom Lekar 32 (6) Mar 15 385-387 Wm
Lamblia intestinalis, humans, diagnosis of clinical forms and of pathology important to surgeons, surgical conditions cured after therapy for recognized giardiasis

Surgery
Balasegaram M
1981 Current Problems Surg 18 (5) May 282-340 Wm
Entamoeba histolytica, human hepatic abscess, extensive clinical review (etiology, pathology, clinical manifestations, diagnostic aids, complications, abscess localizations, surgical therapy, prognosis)

Surgery
Bosman A; Lessing AJ
1981 South African Med J 59 (11) Mar 14 389-390 Wm
amoebiasis, human, heart tamponade due to hepatic abscess rupture, case report, suggestions for anesthetic technique used during surgical repair

Surgery
Bourgeon R; Isman H; Courchia G
1980 Chirurgie Paris 106 (1) Jan 37-39 Wm
amoebiasis, humans with hepatic abscesses, conditions requiring surgical intervention: France

Surgery
Bruchac D et al
1979 Bratisl Lekar Listy 72 (4) Oct 420-424 Wm
trichomoniasis, incidence of vaginal infections in pre-operative patients (most frequent in ages 26-45), diagnosis by microscopic, colposcopic, and culture examinations, importance of diagnosis prior to gynecological surgical procedures

Surgery
Chaimoff C; Lubin E; Dintsman M
1980 Internat Surg 65 (4) July-Aug 331-333 Wm
echinococcosis, human hepatic hydatid cysts treated by omentopexy, post-operative appearance of cystic cavity evaluated by scintigraphy

Surgery
Chigot JP et al
1980 Ann Chir Paris 34 (5) May 333-339 Wm
hydatid hepatic cysts, humans, review of current diagnostic methods, surgical recommendations

Surgery
Chipail GG et al
1980 Rev Med-Chir Soc Med si Nat Iasi 84 (3) July-Sept 451-455 Wm
hydatic cysts, human pulmonary infections, differential diagnosis, diagnostic problems, surgical techniques, operative complications

Surgery
Cieslik R et al
1980 Polski Przegl Chir 52 (3) Mar 257-260 Wm
Echinococcus granulosus, woman, case report, mechanical jaundice following perforation of hydatid cyst into the bile ducts, radiologic diagnosis, surgical therapy

Surgery
Cirenei A; Chirletti P
1980 Acta Gastroenter Belg 43 (7-8) July-Aug 265-269 Wm
echinococcosis, human hepatic cysts, presence of chronic inflammatory reactions and presence of daughter cysts in cyst wall are arguments in favor of radical pericystectomy

Surgery
Clot JP et al
1980 Nouv Presse Med 9 (37) Oct 11 2731-2732 Wm
human hepatic amoebic abscess, right anterolateral thoracotomy with exclusion of pleura recommended as surgical measure

Surgery
Cornet L et al
1980 Med Trop 40 (3) May-June 285-292 Wm
schistosomiasis, humans, surgical management of portal hypertension

Surgery
Courbil LJ et al
1979 Bull Soc Path Exot 72 (3) May-June 209-215 Wa
amoebiasis, humans with necrotizing colitis, case reviews, indications for surgical intervention, prognosis

Surgery
Courbil LJ et al
1980 Med Trop 40 (3) May-June 313-327 Wm
schistosomiasis, humans, urogenital infections, indications for surgical intervention, various surgical procedures described: Senegal

Surgery
Deenichin P
1979 Khirurgiia (12) Dec 29-34 Wm
echinococcosis, humans, classification of methods of surgical treatment

Surgery
Di Bello R
1981 Chest 79 (1) Jan 110-111 Wm
echinococcosis, humans, cardiac cysts, late sudden death after surgical treatment, case reports

Surgery
Dietrick RB; Sade RM; Pak JS
1981 J Thoracic and Cardiovasc Surg 82 (1) July 58-62 Wm
chronic empyema, humans, clinical management, surgical therapy, Paragonimus westermani as an associated complication: Korea

Surgery
Dolatzas TC
1978 Am J Surg 136 (5) Nov 638-639 Wm
hepatic hydatid cysts, humans, myoplasty as treatment for biliary fistulas due to cavities remaining after surgical removal of cysts

Surgery
Dzhumadilov ShD; Sadyrbekov ZhS
1980 Zdravookhranenie Kirgizii (2) Mar-Apr 54-55 Wm
hepatic alveococcosis, man, surgical case report, simultaneous right-sided hemihepatectomy with resection of the I and IV segments and cholecystectomy

Surgery
El-Hawary KA et al
1980 Middle East J Anaesth 5 (6) Feb 417-421 Wm
schistosomiasis, patients with bilharzial hepatic fibrosis, increased duration of suxamethonium apnea following propanidid induction anaesthesia vs. that following thiopentone induction, probably due to decreased level of plasma cholinesterase or decreased plasma albumin level

Surgery
El-Marraghy MA
1976 Ain Shams Med J 27 (1) Jan 83-88 Wm
bilharzial hepatosplenomegaly, humans, associated renal dysfunction resulting from involvement of urinary tract, possible renal failure if urinary system stressed by surgical intervention, evaluation of renal function by radio-renalgram

Surgery
El Masri SH et al
1980 Brit J Surg 67 (2) Feb 111-114 Wm
human bilharzial hepatic fibrosis, haemodynamic changes observed before and following splenectomy and vasoligation

Surgery
El-Shafei S et al
1980 Middle East J Anaesth 5 (6) Feb 407-416 Wm
bilharzial vs. non-bilharzial individuals, effects of stress of various anaesthesias and of surgery, changes in hormonal levels

Surgery
Feliciano DV; Mattox KL; Jordan GL jr
1980 Ann Surg 191 (5) May 649-654 Wm
choledochoscopy recommended as technique to improve accuracy of common duct exploration for biliary obstructions such as liver fluke

Surgery
Fitzgerald CR
1980 Arch Ophth Chicago 98 (2) Feb 321-323 Wa
presumed toxoplasmic eye infections resulting in secondary vitreous opacity, humans, surgical management using pars plana vitrectomy, 4 case reports

Surgery
Frayha GJ; Bikhazi KJ; Kachachi TA
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 447-450 Wm
Echinococcus granulosus, in vitro and in vivo evaluation of cetrimide in treatment of hydatid cysts of animals and man, cetrimide application in human hydatid surgery

Surgery
Galindo R et al
1981 Ann Chir Paris 35 (3) 213-215 Wm
hydatid cysts, human pulmonary infections, surgical management, statistics of 625 cases in children under 15

Surgery
Galland MC et al
1980 Therapie 35 (3) May-June 443-446 Wm
echinococcosis, humans, chemically-induced shock resulted from use of formaldehyde solution during surgical removal of cysts, 7 case reports: France

Surgery
Garbagna P et al
1979 Boll Soc Med-Chir Pavia 93 (1-2) Feb-Mar 1-9 Wm
hepatic echinococcosis, humans, diagnosis, angiography vs. echotomography or computer assisted tomography, applications for relevant surgical therapy

Surgery
Garcia-Uria J; Cabezudo J; Nombela L
1980 Acta Neurochir 52 (1-2) 51-54 Wm
Echinococcus granulosus, 27-year-old male, case report, multiple cerebral cysts, subdural haematoma as a complication of surgical removal of cysts: Spain

Surgery
Ghesquiere F et al
1979 Anesthesie et Analgesie 36 (11-12) 561-
echinococcosis, human hepatic hydatid cysts, serious complications occurring during surgery possible anaphylactic etiology

Surgery
Gilevich IuS et al
1980 Khirurgiia (1) Jan 73-78 Wm
echinococcosis, humans, various localizations, method of surgical treatment has no bearing on frequency of cyst recurrences, but poor surgical technique or failure to remove entire cyst is of importance in recurrences

Surgery
Greenstein AJ; Greenstein RJ; Sachar DB
1980 Am J Surg 139 (3) Mar 456-458 Wm
amoebiasis, human hepatic abscess, toxic dilatation, treated with metronidazole and surgery without colectomy, case report

Surgery
Grill W
1980 Langenbecks Arch Chir 350 (4) 233-239 Wm
use of sunken drain for internal biliary tract drainage of bile duct obstruction caused by Echinococcus or carcinomas

Surgery
Grundmann R; Eitenmueller J; Pichlmaier H
1981 Chirurg 52 (5) May 332-337 Wm
echinococcosis, human hepatic infections, indications for use of various surgical procedures, mebendazole therapy for inoperative alveolar infections

Surgery
Guachalla J et al
1977 Rev Med Chile 105 (11) Nov 789-791 Wm
echinococcosis, man, case report, hepatic cyst with multiple secondary pulmonary cysts, radiological diagnosis, surgical therapy: Puerto Varas, Chile

Surgery
Gula G et al
1979 Thorac and Cardiovasc Surgeon 27 (6) Dec
393-396 Wm
echinococcosis, humans, cardiac cysts, diagnosis by X-ray and electrocardiogram, pathology and clinical findings, surgical management, case reports

Surgery
Gupta S; Sharma CLN
1975 Am Surg 41 (7) July 429-431 Wm
amoebiasis, 27-year-old woman, case report, massive necrosis and perforation of colon, surgical management

Surgery
Halim A; Vaezzadeh K
1980 Brit J Urol 52 (2) Apr 75-78 Wm
echinococcosis, human genitourinary tract, pathology, diagnosis, surgical management

Surgery
Hobbs KEF
1979 Brit J Hosp Med 22 (5) Nov 456-467 Wm
hepatic surgery, humans, diagnostic and surgical procedures, postoperative management, includes information on amoebiasis, Echinococcus granulosus, and E. multilocularis

Surgery
Husain I; Al Ali IH; Kinare AS
1980 Brit J Urol 52 (6) Dec 446-450 Wm
schistosomiasis, humans, evaluating bilharzial ureteropathy for surgery and follow-up

Surgery
Ihekwaba FN
1980 J Roy Coll Surgeons Edinburgh 25 (6) Nov
452-456 Wm
Ascaris lumbricoides, humans, diagnostic pathology, surgical emergencies, case reports: Nigeria

Surgery
Jaubert D et al
1980 Med Trop 40 (1) Jan-Feb 59-65 Wm
Schistosoma spp., humans, portal hypertension, pathology, clinical features, diagnostic methods, indications for various surgical techniques used to suppress splenomegaly and decrease the portal hypertension

Surgery
Karapetian ET
1979 Vestnik Khir 123 (8) Aug 81-82 Wm
echinococcosis, woman, case report, surgical management of combined pulmonary and splenic infection

Surgery
Kariev TM; Islambekov ES; Maksumov DT
1979 Vestnik Khir 122 (2) Feb 45-47 Wm
echinococcosis, multiple human pulmonary cysts, various surgical methods of therapy

Surgery
Kasai Y et al
1980 Ann Surg 191 (2) Feb 145-152 Wm
alveolar echinococcosis, human liver, clinical manifestations and proposed staging, diagnostic procedures, surgical aspects and outcome, epidemiological considerations: Japan

Surgery
Katz R; Murphy S; Kosloske A
1980 Pediatrics Am Acad Pediat 65 (5) May
1003-1006 Wa
Echinococcus granulosus, pulmonary infections in children, importance in differential diagnosis of mass lesions in chest, surgical recommendations, case reports, increasing transmission among native Americans in the southwest United States

Surgery
Kirilenko MP
1979 Vestnik Khir 122 (4) Apr 7-11 Wm
opisthorchiasis associated with gastric ulcer, early surgical complications, analysis of 243 cases

Surgery
Kirilenko MP
1979 Vestnik Khir 123 (8) Aug 23-26 Wm
opisthorchiasis, humans, associated with gastric or duodenal ulcer, surgical management

Surgery
Kirilenko MP
1980 Khirurgiia (9) Sept 28-31 Wm
opisthorchiasis associated with peptic ulcer, humans, frequent exacerbation of parasitism after gastric surgery, less complications in those treated with anthelmintics

Surgery
Kozlovskii LR; Brodskii BF
1979 Vestnik Khir 122 (2) Feb 79-80 Wm
ascariasis, children, case reports, complications requiring surgical intervention

Surgery
Latimer RG
1975 Am Surg 41 (6) June 385-390 Wm
Entamoeba histolytica, humans, indications for surgical intervention in acute fulminating colitis or in ameboma formation

Surgery
Lazar C et al
1980 Rev Med-Chir Soc Med si Nat Iasi 84 (2)
Apr-June 237-240 Wm
hydatid cysts, human hepatic infections, pathology and complications of 187 cases, surgical techniques recommended

Surgery
Lazar C et al
1980 Rev Med-Chir Soc Med si Nat Iasi 84 (3)
July-Sept 457-461 Wm
hydatid cysts, human pulmonary infections, problems in diagnosis and treatment, recommended surgical techniques

Surgery
Le Beau J; Corcos A
1980 Semaine Hop Paris 56 (13-14) Apr 8-15
613-618 Wm
central nervous system parasitic diseases (echinococcosis, cysticercosis, Dracunculus medinensis), humans, case reports, surgical observations

Surgery
Levy JM et al
1978 Am J Gastroenterol 70 (3) Sept 298-301 Wm
amebic liver abscess, African university student, computer tomography-guided percutaneous surgical drainage of abscess, case report: Arizona

Surgery
L'Henaff F et al
1980 Bordeaux Med 13 (4) Feb 10 59-62 Wm
Fasciola hepatica, man, hepatobiliary distomatosis presenting with jaundice, differential radiologic diagnosis, surgical management: France

Surgery
Lloyd DA
1981 Brit J Surg 68 (7) July 468-473 Wm
Ascaris lumbricoides, children, massive hepatobiliary infestations, problems in radiological diagnosis and surgical management, case reviews: South Africa

Surgery
Lorenzo Garcia ML et al
1980 Rev Clin Espan 159 (2) Oct 31 133-136 Wm
echinococcosis, child, case report, efficacy of combined medical therapy (metronidazole) and surgery

Surgery
Loyo M; Kleriga E; Estanol B
1980 Neurosurgery 7 (5) Nov 456-458 Wm
cysticercosis, humans, fourth ventricular infection, surgical management

Surgery
Lubenskii IuM; Krakovskii AI; Nikhinson RA
1980 Khirurgiia (1) Jan 57-60 Wm
radical operations on focal hepatic lesions, humans, includes information on alveococcosis and echinococcosis

Surgery
Magomedov AZ; Deenichin PG; Makhatilov MM
1980 Khirurgiia (1) Jan 36-39 Wm
Echinococcus, humans, diagnostic pathology, surgical management of cysts perforating into the biliary tract

Surgery
Mahdy AAA
1978 J Egypt Med Ass 61 (9-10) 633-635 Wm
surgical correction of portal hypertension caused by schistosomal hepatic fibrosis

Surgery
Mandal AK; Thadepalli H
1978 Am Surg 44 (9) Sept 564-570 Wm
Entamoeba histolytica, surgical aspects, diagnostic clues

Surgery
de Medeiros RR et al
1980 Rev Paul Med 96 (3-4) Sept-Oct 61-65 Wm
Chagas disease, patients with chagasic megacolon, comparative study of surgical therapeutic techniques, their complications, and their results (normalization vs. recurrence)

Surgery
Meng C et al
1979 Chung Hua Wai Ko Tsa Chih (Chinese J Surg) 17 (1) Feb 37-39 Wm
schistosomiasis portal hypertension, humans, results of surgical management with splenectomy and omentopexy

Surgery
Milonov OB et al
1979 Khirurgiia (12) Dec 18-24 Wm
echinococcosis, humans, subdiaphragmatic localizations, diagnostic pathologic features, diagnosis by latex and hemagglutination tests and by radiography, surgical procedures

Surgery
Mok CK et al
1980 Thorax 35 (5) May 389-391 Wm
Plasmodium malariae, P. falciparum, children, post-operative pyrexia immediately after open heart surgery, emphasis on need for awareness by cardiac surgeons (infected father of 1 child had been blood donor for the surgical procedure)

Surgery
Monga NK et al
1976 Am J Gastroenterol 66 (4) Oct 366-373 Wm
Entamoeba histolytica, humans, amoebic peritonitis, case studies, diagnosis, pathology, surgical therapy

Surgery
Mosimann F
1980 Ann Surg 192 (1) July 118-123 Wm
Echinococcus multilocularis, human hepatic infections, surgical cure apparently very rare

Surgery
Navarrete Guijosa F et al
1980 Rev Espan Enferm Apar Digest 57 (2) Feb 185-190 Wm
hydatid cyst, human hepatic infection with cyst rupture into the biliary tract and with cholelithiasis, case reports, surgical management

Surgery
Paineau J et al
1980 Ann Gastroenterol et Hepatol 16 (2) Mar-Apr 107-112 Wm
Echinococcus multilocularis, man, case report, hepatic infection, clinical features, right hepatectomy

Surgery
de Parada y Herrero R et al
1980 Rev Espan Enferm Apar Digest 57 (1) Jan 37-40 Wm
hydatidosis, human hepatic with biliary tract involvement, surgical aspects

Surgery
Petigny A et al
1980 Semaine Hop Paris 56 (13-14) Apr 8-15 685-687 Wm
multiple hydatidosis, 30-year-old female, case report, cysts involving liver, spleen, and pelvic areas, radiological and surgical aspects of case; suggested use of flubendazole in widespread forms of this disease

Surgery
Plane P; Ronceray J; Dubin P
1980 J Chir Paris 117 (3) Mar 193-194 Wm
Taenia saginata, woman, case report, acute pancreatitis resulting from obstruction of Wirsung's canal by worm, surgical therapy

Surgery
Pulatov AT
1980 Vestnik Khir 125 (11) Nov 99-103 Wm
echinococcal cysts causing pulmonary compression in children, clinical management, surgical aspects

Surgery
Qian Z et al
1979 Chung Hua Wai Ko Tsa Chih (Chinese J Surg) 17 (5) 393-395 Wm
echinococcosis, humans, immediate and long-term results of surgical therapy of intrathoracic hydatid cysts

Surgery
Qian Z et al
1980 Chinese Med J 93 (8) Aug 569-572 Wm
intrathoracic hydatid cysts, humans, immediate and long-term results of surgical treatment: China

Surgery
Radda TM et al
1981 Klin Monatsbl Augenh 178 (2) Feb 147-148 Wm
Loa loa, humans, Loa ophthalmia, clinical aspects, diagnosis using the indirect immunofluorescence test, surgical therapy

Surgery
Ribault JY
1980 Med Trop 40 (3) May-June 329-334 Wm
Schistosoma haematobium, humans, pathogenic, immunologic, pathologic, and radiologic features of the small schistosomiasic bladder, study of surgical treatment: Ivory Coast

Surgery
Rivera R; Delcan JL
1980 Chest 78 (6) Dec 849-852 Wm
echinococcosis, humans, cardiac cysts producing coronary insufficiency, surgical management

Surgery
Rocca ED; Neira B
1979 Rev Neuro-psiquiat 42 (2) June 96-103 Wm
cysticercosis involving human nervous system, clinical review, surgical management

Surgery
Rustamov IR
1980 Klin Khirurg (1) Jan 7-9 Wm
echinococcosis, human hepatic cysts, surgical removal, technique comparisons

Surgery
Saari M et al
1975 Acta Ophth 53 (1) Mar 44-51 Wm
toxoplasmic chorioretinitis, humans, surgical treatment with retinochoroidal vascular anastomosis, case report

Surgery
Santos R et al
1979 Ophthalmology 86 (8) Aug 1501-1507 Wm
Cysticercus cellulosae, humans, eye, surgical therapy, photocoagulation therapy

Surgery
Saraiva RA et al
1980 Trop Doctor 10 (2) Apr 62-65 Wm
Trypanosoma cruzi, humans, response of cardiovascular system to general anesthesia, parasitic infection does not increase risk but with associated cardiopathy the risk is increased

Surgery
Sayek I; Yalin R; Sanac Y
1980 Arch Surg Chicago 115 (7) July 847-850 Wm
echinococcosis, humans, hepatic cysts, review of 100 surgically-treated cases, complications, results

Surgery
da Silva LC
1971 Rev Med Chile 99 (9) Sept 657-663 Wm
schistosomiasis, medical complications in surgery of portal hypertension in patients with liver cirrhosis or hepatosplenic parasitic infection

Surgery
Smyth JD; Barrett NJ
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 649-652 Wa
hydatid cysts, human, procedures for testing viability following surgical removal, especially after chemotherapy

Surgery
Soleto Saez E; Lopez Rios-Fernandez F; Gonzalez Sanchez JA
1980 Rev Espan Enferm Apar Digest 57 (1) Jan 33-36 Wm
hydatidosis, human hepatic infections, analysis of 197 cystopericystectomies

Surgery
Stern WE
1981 J Neurosurg 55 (3) Sept 382-389 Wm
Taenia solium cysticercosis, classification of forms affecting human central nervous system, diagnosis by computed tomography, operative procedures

Surgery
Stoianov G
1980 Khirurgiia Sofiia 33 (6) 487-492 Wm
echinococcosis, humans, causes of hepatic cyst recurrence and repeated surgical therapy

Surgery
Stoianov G; Iurukova D
1980 Khirurgiia Sofiia 33 (4) 321-324 Wm
echinococcosis, patients with multiple abdominal cysts, emphasis on surgical therapy in addition to more conservative use of oral medications

Surgery
Stoianov G; Mainkhard P
1979 Khirurgiia (12) Dec 24-29 Wm
Echinococcus, human hepatic cysts, postoperative liver biopsies showed extensive pathology in areas adjacent to cyst removal, intensive preoperative management recommended

Surgery
Tierris EJ et al
1977 World J Surg 1 (1) Jan 99-104 Wm
echinococcosis, humans, bronchobiliary fistula due to parasitic infection of liver, surgical management, case reports: Greece

Surgery
Todorov T; Stoianov G
1979 Bull World Health Organ 57 (5) 751-758 Wa
echinococcosis, humans, hepatic vs. pulmonary cysts, antibody levels studied by various immunological tests before and after surgical therapy, prognosis based on changes in titres

Surgery
Tret'iakov AM; et al
1979 Vestnik Khir 122 (4) Apr 27-30 Wm
opisthorchiasis, humans, biliary tract, use of radiation manometry during surgical intervention

Surgery
Turtas S; Viale ES; Pau A
1980 Surg Neurol 13 (6) June 468-470 Wm
Echinococcus granulosus, patients with infection of spine, long-term results of surgery

Surgery
Verlenden WL III; Frey CF
1980 Am J Surg 140 (1) July 53-59 Wm
amoebiasis, 13 patients with hepatic abscess, predisposing factors, diagnostic findings, importance of diagnosis and surgical intervention

Surgery
Weirich WL
1979 Am J Surg 138 (6) Dec 805-808 Wm
Echinococcus granulosus, humans, pre-surgical diagnosis using X-ray computed tomography and ultrasonics, hepatic cysts

Surgery
Wilson EA
1980 South African Med J 57 (12) Mar 22 434 Wm
hydatid disease, human, involvement of only 1 lobe of liver, pros and cons for total surgical removal of lobe

Surgery
Wilson JF; Rausch RL
1980 Am J Trop Med and Hyg 29 (6) Nov 1340-1355 Wa
Echinococcus multilocularis, 33 indigenous cases in Alaskan Eskimos, clinical features, surgical implications, experience in medical management by mebendazole

Surgery
Zaher MF; El Deeb AA; Soliman MAH
1975 Ain Shams Med J 26 (4) July 457-459 Wm
bilharzial ulcer of urinary bladder, humans, histopathologic study of 50 excised specimens from chronic infections, surgery recommended as preferred therapy for chronic ulcer

Surgery
Zhuravlev VA
1980 Khirurgiia (6) June 71-75 Wm
alveococcosis, humans, factors influencing the operability of hepatic lesions and the types of surgical procedures used

Surgery
Zhuravlev VA
1980 Vestnik Khir 124 (6) 42-46 Wm
alveococcosis, human hepatic infection complicated by mechanical jaundice, single- and multistage radical surgery reduces risk of severe complications

Surgery
Zmerli S; Ayed M; Arkam B
1980 J Urol Paris 86 (7) 519-526 Wm
hydatid cysts, humans, kidney, multiple case reviews, ultrasonic diagnosis, surgical management

Surgery
Zubov NA; Zigan'shin RV
1980 Vestnik Khir 124 (2) Feb 70-73 Wm
opisthorchiasis, humans, case reports, post-surgical problems resulting from relocating intrahepatic biliary ducts during surgical therapy

Survival and viability [See also Age; Longevity; Overwintering]

Survival and viability
Arlian LG et al
1981 Am J Vet Research 42 (10) Oct 1782-1784 Wa
Psoroptes cuniculi, off-host survival times for male and female mites as function of ambient temperature and relative humidity conditions, implications for control of transmission

Survival and viability
Armour J et al
1980 Vet Rec 106 (8) Feb 23 184-185 Wa
Ostertagia ostertagi, presence of large numbers of third stage larvae in soil on apparently safe aftermath pastures

Survival and viability
Augustine PC
1980 Parasitology 81 (3) Dec 519-524 Wa
Eimeria meleagrimitis, effects of storage time and temperature on amylopectin levels (measured as glucose) and viability (measured as oocyst production and mortality in turkeys)

Survival and viability
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1978 Proc Helminth Soc Washington 45 (2) July 230-232 Issued Aug 30 Wa
Haemonchus contortus free-living stages, effect of ultraviolet radiation on survival, only third-stage larvae found to be resistant, UV radiation and desiccation have an additive deleterious effect

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1981 Photochem and Photobiol 33 (2) Feb 191-195 Wa
Trichomonas vaginalis, T. gallinae, kinetic data on sensitivity to ultraviolet radiation

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1980 Canad Vet J 21 (2) Feb 38 Wa
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1979 Austral J Ecol 4 (4) Dec 345-360 Wa
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Sarcoptes scabiei, survival in mineral oil suspension up to 7 days, water balance is critical factor which the oil preparation protects by restricting transpiratory loss thus preventing rapid dehydration

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1980 Ann Soc Belge Med Trop 60 (3) Sept 277-283 Wm
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1981 Berl u Munchen Tierarztl Wchnschr 94 (1) Jan 1 1-5 Wa
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1981 Internat J Parasitol 11 (2) Apr 169-175 Wa
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1977 Rev Iber Parasitol 37 (3-4) July-Dec 291-300 Wa
Fasciola hepatica, cattle, sheep, and goats (bile vesicles of all), number and viability of eggs: Matadero Municipal de Granada

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1980 Bull Inst Maritime and Trop Med Gdynia 31 (3-4) 239-249 Wm
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1980 J Parasitol 66 (4) Aug 699-700 Wa
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1977 Rev Iber Parasitol 37 (1-2) Jan-June 87-98 Wa
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1980 Parasitology 81 (1) Aug 91-102 Wa
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Gorgoderina vitelliloba, survival of intact cercariae in pond water and of isolated cercarial bodies in Ringer's Solution, pond water, or pond water + antibiotic, suggested that wall of anterior tail chamber protects body from osmotic stress imposed by life in fresh water

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1980 Internat J Zoonoses 7 (2) Dec 115-119 Wm
Taenia saginata cysticerci, bovine carcass heavily infected with Cysticercus bovis selected from routine meat inspection at abbatoir and prepared in the normal cooking fashion for grilled beef (suya), normal cooking was insufficient and worms showed clear signs of viability, probable major route of disease transmission in Nigeria

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1979 Ann Soc Belge Med Trop 59 (3) Sept 237-250 Wa
Plasmodium berghei, sporozoites used for laboratory studies, survival and infectivity dependent on such factors as culture medium, temperature in culture or in vector salivary glands, route of inoculation into laboratory animals

Survival and viability
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Sarcoptes scabiei var hominis, survival in mineral oil at room temperature for more than 7 days (females continued to be motile, to lay eggs, and to defecate fecal pellets while in the oil), suggested control measures to be used by diagnostic laboratories

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1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 251-260 Wa
Schistosoma bovis miracidia, effect of temperature and pH on survival and activity, application to transmission dynamics: Salamanca province, Spain

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Trichostrongylus axei, T. colubriformis, pre-parasitic development and survival on pasture herbage

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Oesophagostomum dentatum, development and survival of free-living stages in natural environments out-of-doors (effect of climatic conditions) and under controlled conditions in laboratory (effect of temperature and humidity)

Survival and viability
Rose JH; Small AJ
1980 Vet Rec 107 (10) Sept 6 223-225 Wa
Oesophagostomum spp., sows kept on pastures, transmission over 2-year period, monthly distribution of worm eggs in faeces, larvae on herbage, and worms recovered post-mortem, effects of climatic factors on survival and development of infective larvae, transitory effect of anthelmintics on level of infection: commercial farm, southern England

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1980 Nouv Presse Med 9 (8) Feb 16 536-537 Wm
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Survival and viability
Sasaki Y et al
1980 Nippon Zyuisi-Kai Zassi (J Japan Vet Med Ass) 33 (10) Oct 481-484 Wa
toxoplasmosis, outbreak in swine raised in barn which had been previously disinfected against Toxoplasma oocysts, results indicate oocysts remained in barn for long time and abundant hot water is effective form of disinfection

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1981 J Med Entom 18 (1) Feb 78-83 Wa
Ctenocephalides felis, cats (exper.), influence of temperature and humidity on survival, development, and adult longevity

Survival and viability
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1977 J Med Entom 14 (2) Nov 25 137-145 Wa
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Trypanosoma cruzi, survival in dead vector bugs (exper.), Peru strain survived 8 days in Triatoma infestans and 9 days in Dipetalogaster maximus, freezing increased survival time to 60 days

Survival and viability
Soh CT et al
1978 Yonsei Rep Trop Med 9 (1) Nov 63-69 Wm
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Sarcoptes scabiei, accidental discovery of motile organisms 3 days after they were removed from the human host and immersed in mineral oil

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Ctenophthalmus wladimiri, duration of survival under laboratory conditions of various temperatures and humidities

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1981 Applied and Environment Microbiol 41 (1) Jan 17-19 Wa
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Lucilia cuprina, effects of temperature and desiccation on survival and development of egg stage, ecological implications

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Naegleria fowleri, survival of cysts at 4°C for 8 months with retention of virulence, indicates cysts produced in temperate waters may survive prolonged winter

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Ostertagia ostertagi, eggs and larvae, development and survival in cattle dung pats and on surrounding herbage and soil over period of 12 months, weather and other conditions in plot environment, effects of irrigation, implications of results for control: Victoria, Australia

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1979 Biochem and Exper Biol 15 (4) 355-360 Wa
Toxoplasma gondii, survival in body liquids and tissues at different temperatures and after freezing, implications for disease transmission

Swimmers' itch See Dermatitis, Trematoda

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Neoaplectana carpocapsae and its associated bacterium in Hyalophora cecropia (exper.), symbiotic relationship between nematode and bacteria and its survival value against induced insect immunity

Symbiosis
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El-Moukdad AR
1981 Berl u Munchen Tierarztl Wchnschr 94 (5)
Mar 1 85-87 Wa
helminths, goats (intestinal tract, lungs, liver, mesentery), occurrence and intensity of infection: Hama, Syria

Systematics See Taxonomy

T cells See Lymphocytes

Tadjikistan See Russia, Tadzhik SSR

Tagging [See also Radioisotopes]

Tagging
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1980 J Parasitol 66 (3) June 532-541 Wa
parasites of Liopsetta putnami, prevalence and intensity, seasonal variations, host age, frequency distributions, pathogenicity (only noted for Glugea stephani), intra-estuarine variation in parasite occurrence and abundance as possible indicator of host movement and in relation to diversity of free-living community: Great Bay Estuary, New Hampshire

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1976 Southwest Entom 1 (4) Dec 174-177 Wa
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Tagging
Christensen NO
1980 Exper Parasitol 50 (1) Aug 67-73 Wa
Echinostoma revolutum, technique for in vivo labelling of miracidia with radioselenium, radioisotope tracer for assaying miracidial host-finding capacity

Tagging
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Schistosoma bovis, S. intercalatum, S. haematobium, methods for in vivo radio-labelling of cercariae with radioselenium

Tagging
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1981 J Fish Biol 18 (3) Mar 339-347 Wa
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Diclidophora esmarkii, D. luscae, fishes, diagnostic comparison of occurrence, body lengths, anatomical features, clamp sizes, and 'gill preference' of parasites on hosts, host-specificity, implications for use as biological tags of fish stocks: Plymouth

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Nikitina NA; Nikolaeva GA
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fleas, method of labelling with dyes

Tagging
Warren-Hicks WJ; Schroder GD; Bigelow RH
1979 J Med Entom 16 (5) Nov 23 432-436 Wa
Xenopsylla cheopis fed on laboratory rats injected with iron-59 citrate, uptake and retention of radioisotope tag, influence of sex of fleas, exposure level, and subsequent blood meals

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intestinal parasites, survey of inhabitants of Tan-nan village, emphasis on finding source of Cysticercus cellulosae infestation: Hsin-I District, Nantou County, Taiwan

Tasmania See Australia, Tasmania

Taxis [See also Attractants; Behavior; Host perception by parasites]

Taxis
Bartoli P
1981 Ann Parasitol 56 (3) 261-270 Wa
Gymnophallus nereicola, biological and ecological factors favoring parasite recruitment by Nereis diversicolor (parasite endemiotope, cercarial emergence, cercarial behavior (swimming, phototropism, rheotropism), cercarial access to and penetration of host, localization of metacercariae in host)

Taxis
Belosevic M; Dick TA
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Taxis
Belosevic M; Dick TA; Chadee K
1981 J Parasitol 67 (5) Oct 692-696 Wa
Trichinella spiralis, chemical attraction in absence of worm-mediated tactile behavior, postulate that onset of pheromone production is during 4th developmental stage

Taxis
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1980 Exper Parasitol 49 (2) Apr 258-265 Wa
Neoaplectana carpocapsae, movements of infective juveniles on thermal gradient, implications for dispersion and infection of insect larvae in field

Taxis
Christensen NØ
1980 Acta Trop 37 (4) Dec 303-318 Wa
host-finding capacity of trematode miracidium, influence of host- and parasite-related factors and environmental conditions, review with special reference to Fasciola and Schistosoma

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Davis JC; Camin JH
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Dermanyssus prognephilus, stimuli (chemical and tactile), receptors, mechanism, and adaptive value of aggregation behavior, laboratory study

Taxis
Fried B; Robinson GA
1981 Parasitology 82 (2) Apr 225-229 Wa
Amblosoma suwaense, pairing and aggregation of metacercariae in vitro, partial characterization of lipids involved in chemo-attraction

Taxis
Jensen DL; Castro GA
1981 Exper Parasitol 52 (1) Aug 53-61 Wa
Trichinella spiralis, migration of rat peritoneal cells (predominantly eosinophils) toward parasite incubates, (normal or immune) rat serum, or (normal or immune) rat spleen cells, or combinations of these 3 components, results indicate generation in presence of rat serum of factors chemotactic for rat cells

Taxis
Kearn GC
1980 Parasitology 81 (1) Aug 71-89 Wa
Entobdella soleae, oncomiracidia hatched with and without chemical stimulation in light and in darkness, light and gravity responses in relation to larval age and their role in host location

Taxis
Keshavarz-Valian H; Nollen PM
1980 J Parasitol 66 (4) Aug 684-686 Wa
Philophthalmus gralli miracidia, responses to gravity and light, effects of aging and temperature on these responses

Taxis
Keshavarz-Valian H; Nollen PM; Maynard G
1981 J Parasitol 67 (4) Aug 527-530 Wa
Philophthalmus gralli, responses of miracidia to various chemicals stimulative to other miracidial species, miracidial behavior was klinokinetic rather than chemotactic

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1980 J Parasitol 66 (6) Dec 888-892 Issued May 6 1981 Wa
Trichomonas vaginalis, in vitro effect of axenically cultured parasites and their secretions on polymorphonuclear leucocyte chemotaxis

Taxis
Pearre S jr
1979 Internat Rev Ges Hydrobiol 64 (2) 193-206 Wa
hemiurid larval trematode-infected chaetognaths, morphological (gigantism) and behavioral (vertical migration to better-lit habitat) modifications, excess field mortality, lowered reproductive potential, contagious distribution of parasites within host population, may be optimal strategy to increase intermediate host predation by correct final host species and minimize damage to intermediate host population as a whole

Taxis
Pye AE; Burman M
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Neoaplectana carpocapsae, nematode accumulations on chemical and bacterial gradients, results may help understand infection processes and provide tools for enhancing spread of nematode to targeted pest insects

Taxis
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1980 Zool Jahrb Jena Abt Syst 107 (2) 265-285 Wa
Oestromyia leporina, egg development and adaptation; thermotactic orientation of 1st stage larvae; 2nd stage immobile and not capable of coordinated locomotion; leaving of host by mature 3rd stage induced by light; interruption of diapause by freezing or its omission by keeping host under long-day conditions during

Taxis
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Rhipicephalus appendiculatus, cold receptor on tarsus I, electrophysiological and ultrastructural observations

Taxis
Wang YC; Fan PC
1972 Yonsei Rep Trop Med 3 (1) Nov 81-86 Wm
Schistosoma japonicum, Formosan and Philippine strains, Oncomelania hupensis chiui (exper.), light stimulated cercariae of both strains to emerge earlier from hosts

Taxis
Webb JP jr
1979 J Med Entom 16 (5) Nov 23 437-447 Wa
Ornithodoros concanensis nymphs, host-locating behavior, effect of various stimuli (carbon dioxide, host odor and heat, tick odor, contact, gravity, light)

Taxis
Zietse MA; Klaver-Wesseling JCM; Vetter CM
1981 J Helminth 55 (3) Sept 203-207 Wa
Ancylostoma caninum, dog serum contains factor that chemotactically attracts infective larvae, sera of other animal species also possess factor but to much lesser extent

Taxonomy [See also Nomenclature]

Taxonomy
Arnot DE; Barker DC
1981 Molec and Biochem Parasitol 3 (1) May 47-56 Wa
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Taxonomy
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1980 Molec and Biochem Parasitol 1 (4) Aug 221-246 Wa
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Taxonomy
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Trypanosoma brucei gambiense, T. b. rhodesiense, T. b. brucei, quantitation of genetic differences by restriction enzyme analysis of kinetoplast DNA, these 3 variants are so closely related that they cannot be distinguished on this basis alone

Taxonomy
Brooks DR
1979 Am Zool 19 (4) 1225-1238 Wa
digeneans of crocodilians, phylogenetic, genealogical, and biogeographical relationships, coevolutionary implications, symposium presentation

Taxonomy
Bundy DAP
1981 Internat J Parasitol 11 (4) Aug 319-322 Wa
Transversotrema patialense, egg capsule morphometrics, age-dependency and population frequency distribution, implications for use as taxonomic criterion in Transversotrematidae

Taxonomy
Bursey CC; McKenzie JA; Burt MDB
1980 Internat J Parasitol 10 (3) June 167-174 Wa
Taenia, polyacrylamide gel electrophoresis in differentiation of 3 spp. by total protein, Hymenolepis diminuta used as control

Taxonomy
Cain GD; Raj RK
1980 Exper Parasitol 49 (1) Feb 56-67 Wa
Anisakis, Phocanema, Contracaecum, Sulcascaris, alcohol and malate dehydrogenases from larvae, electrophoresis and thermostability, possible value in identification

Taxonomy
Chance ML
1979 Symposia Brit Soc Parasitol 17 55-74 Wa
Leishmania, identification, review: morphology, DNA buoyant density, DNA-RNA hybridization, enzyme electrophoresis

Taxonomy
Costa CAF; Bradley RE
1980 J Invert Path 35 (2) Mar 175-181 Wa
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Taxonomy
Croft SL; Chance ML; Gardener PJ
1980 Ann Trop Med and Parasitol 74 (6) Dec 585-589 Wa
Endotrypanum, 7 strains, ultrastructural and biochemical (nuclear and kinetoplast DNA buoyant density; enzyme electrophoresis) characterization, division into 2 taxonomic units but separation does not agree with original identification as E. schaudinni or E. monterogeii, stock isolated from Lutzomyia trapidoi was identified as Endotrypanum sp.

Taxonomy
Daggett PM et al
[1981] J Protozool 27 (4) Nov 1980 353-361
Issued Mar 11 Wa
method for coding data on protozoan strains for computers

Taxonomy
Deardorff TL; Brooks DR; Thorson TB
1981 J Parasitol 67 (3) June 433-439 Wa
Echinocephalus spp., numerical phylogenetic analysis

Taxonomy
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1976 Zhurnal Obshch Biol 37 (3) May-June 440-449 Wa
fleas of rodents, taxonomic and host relationships of 22 species, mathematical analysis using Boolean logic, computer methods: Crimea

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1979 Wiadom Parazytol 25 (2) 171-183 Wa
nematodes, genetic isolation as a criterion defining species

Taxonomy
Frenkel JK et al
1980 Ztschr Parasitenk 62 (2) 199-200 Wa
Sarcocystis nomenclature, comments on article by Melville RV 1980 Ztschr Parasitenk 62 (1) 105-109

Taxonomy
Gibson WC; Marshall TFC; Godfrey DG
1980 Advances Parasitol 18 175-246 Wa
Trypanosoma (Trypanozoon), numerical analysis of enzyme polymorphism, new approach to epidemiology and taxonomy with proposals for working nomenclature with 6 "groupings"; "T. b. brucei, T. b. rhodesiense, T. b. gambiense and T. evansi should be united under one name, T. brucei."

Taxonomy
Godfrey DG
1979 Symposia Brit Soc Parasitol 17 31-53 Wa
Trypanosoma, significance of zymodemes (enzymically different groupings), review

Taxonomy
Grey AJ; Mackiewicz JS
1980 Internat J Parasitol 10 (5-6) Nov-Dec 397-407 Wa
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Taxonomy
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Taxonomy
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1980 Ann Entom Soc Am 73 (5) Sept 495-503 Wa
Geomydoecus subcalifornicus complex, computerized taxonomic analysis system applied to quantitative characters and host and locality data, quantitative programs and automated procedures described in detail

Taxonomy
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1981 Parasitology 82 (4) July 175-189 Wa
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Taxonomy
Kaiser H; Skofitsch G
1981 Zool Jahrb Jena Abt Syst 108 (1) 70-83 Wa
Hexamermis sp., H. lineata, Mermis nigrescens, Pheromermis sp., disc electrophoresis of proteins, reactions in gel diffusion tests with antiserum against Hexamermis sp., correlation of these characters with morphologic and biologic characters, implications for taxonomy and phylogeny of Mermithidae

Taxonomy
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Leishmania spp., characterization of species and strains by isozyme patterns on cellulose acetate electrophoresis

Taxonomy
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Trypanosoma spp., isozyme patterns, cellulose acetate electrophoresis, variability between species and strains, potential for rapid trypanosome isolate identification, some indication that isozyme types were associated with geographical distribution

Taxonomy
Kumaratilake LM; Thompson RCA; Dunsmore JD
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Echinococcus granulosus, E. multilocularis, inter- and intraspecific differences detected by isoelectric focusing of cestode soluble proteins, potential value in speciation of Echinococcus and in determining biochemical differences between intraspecific variants

Taxonomy
Lainson R; Miles MA; Shaw JJ
1981 Ann Trop Med and Parasitol 75 (2) Apr 251-253 Wa
Leishmania, enzyme electrophoresis of several viscerotropic stocks, variations were minor and suggest that any taxonomic separation of these organisms would best be at subspecific level

Taxonomy
Leon W et al
1980 Biochim et Biophys Acta 607 (2) Apr 30 221-231 Wa
Trypanosoma cruzi, maxi-circles and mini-circles in kinetoplast DNA; mini-circle digestion patterns may not be stable and reliable criterion for strain characterization

Taxonomy
Levine ND et al
1980 J Protozool 27 (1) Feb 37-58 Issued Apr 28 Wa
Protozoa, newly revised classification, Committee on Systematics and Evolution of the Society of Protozoologists

Taxonomy
Lichtenfels JR
1979 Am Zool 19 (4) 1185-1194 Wa
Strongyloidea, description of conventional (traditional) approach to first phylogenetic classification [See Lichtenfels, J. R., 1979, CIH Keys Nematode Parasites Vertebrates (7).], symposium presentation

Taxonomy
Maazoun R et al
1981 Ann Parasitol 56 (2) 131-146 Wa
Leishmania infantum, strains from man and dog in France (Cevennes, Cote d'Azur, Corse), Tunisia, and Honduras, enzyme electrophoresis, identical zymograms, differentiation from L. donovani, L. tropica, and L. major

Taxonomy
McMahon Pratt D; David JR
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Leishmania braziliensis, L. mexicana, production of monoclonal antibodies specific for these 2 species, assayed for cross-reactivity with Leishmania spp. and Trypanosoma cruzi, should be useful in taxonomic identification of different species of New World leishmaniae as well as for direct diagnosis of leishmaniasis

Taxonomy
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nomina dubia and available names, evaluation of existing problems in International Code of Zoological Nomenclature with special regard to Sarcocystinae

Taxonomy
Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 221-237 Wa
Trypanosoma cruzi, further enzymic characters, critical assessment of present and prospective value of enzyme electrophoresis for strain identification

Taxonomy
Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 243-252 Wa
Leishmania mexicana amazonensis, L. hertigi subspp., methods for enzymic characterization, possible use in identification

Taxonomy
Miles MA et al
1981 Lancet London (8234) 1 June 20 1338-1340 Wa
Trypanosoma cruzi, comparison of radically dissimilar enzymic strains (zymodemes Z1, Z2, Z3) from endemic and non-endemic areas of Venezuela and Brazil, findings suggest that these zymodemes may represent subspecific groups of fundamental epidemiological and medical importance

Taxonomy
Miles MA et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 524-529 Wa
Leishmania b. braziliensis, L. b. guyanensis, L. mexicana amazonensis, enzymic profiles, biochemical separation; inability to separate L. b. guyanensis from 4 stocks of L. b. panamensis by electrophoresis of 10 enzymes

Taxonomy
Morel C et al
1980 Proc National Acad Sc Biol Sc 77 (11) Nov 6810-6814 Wa
Trypanosoma cruzi, characterization of strains and clones by pattern of restriction endonuclease products of kinetoplast DNA minicircles, proposal of new terminology to classify hemoflagellates into 'schizodemes'; procedure may also be useful for classification of pathogenic Leishmania

Taxonomy
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1979 Am Zool 19 (4) 1217-1223 Wa
Harpyrhynchidae, phenetic approaches to classification, symposium presentation

Taxonomy
Mukherjee M; Haldar DP
1981 Arch Protistenk 124 (1-2) 29-35 Wa
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Taxonomy
Muller R
1979 Symposia Brit Soc Parasitol 17 175-206 Wa
Onchocerca, differentiation of species, intraspecific variation in O. volvulus, review

Taxonomy
Murith D
1981 Rev Suisse Zool 88 (2) June 475-533 Wa
polystomes of anuran amphibians, adult morphology, measurements, spp. differentiated using neotenic and larval forms, larval hooklets and chaetotaxy determine taxonomy, species from Ivory Coast compared with those from Togo and Cameroon

Taxonomy
Ramasamy R; Jamnadas H; Mutinga MJ
1981 Internat J Parasitol 11 (5) Oct 387-390 Wa
Leishmania promastigotes, proteins and surface proteins, electrophoretic analysis, differences between 2 strains likely to be Leishmania donovani (from kala-azar patient and from Phlebotomus martini) and Leishmania species from P. bedfordi, such differences may provide additional biochemical tools for classifying Leishmania: Kenya

Taxonomy
Rassam MB; Al-Mudhaffar SA; Chance ML
1979 Ann Trop Med and Parasitol 73 (6) Dec 527-534 Wa
Leishmania spp., characterization of visceral and cutaneous stocks according to electrophoretic variation of enzymes: Iraq

Taxonomy
Ready PD; Miles MA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 238-242 Wa
Trypanosoma cruzi, delimitation of zymodemes by numerical taxonomy

Taxonomy
Rudminaitis EA; Kontrimavichus VL
1981 Dokl Akad Nauk SSSR 258 (2) 511-512 Wa
Filicollis anatis from different hosts, differences in protein electrophoretic patterns, taxonomic implications

Taxonomy
de Sa MFG et al
1980 J Protozool 27 (3) Aug 253-257 Issued Oct 9 Wa
Crithidia brasiliensis sp. n. from Zelus sp. (alimentary tract contents), isolation and cloning, growth pattern, morphology, biochemical analyses (isoenzyme pattern, histone pattern, cleavage of kDNA with restriction endonucleases): Brasilia, Distrito Federal, Brazil

Taxonomy
Sanderson A; Walliker D; Molez JF
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Plasmodium falciparum, enzyme typing of freeze-dried and freshly cultured isolates from African and some other Old World countries

Taxonomy
Sargeaunt PG; Williams JE; Neal RA
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 469-474 Wa
Entamoeba histolytica, 'Entamoeba histolytica-like' amoebae, E. moshkovskii, E. invadens, E. chattoni, grouping according to isoenzyme electrophoretic patterns, E. polecki is indistinguishable from E. histolytica

Taxonomy
Saxena SK
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 467-484 Wa
Philophthalmus lucknowensis, exper. infection in chickens, life cycle, morphology of adult, morphometric data, taxonomic discussion

Taxonomy
Schnur LF et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
Leishmania strains isolated in Old and New World from human visceral cases, dogs, and wild animals thought to be reservoirs of human visceral leishmaniasis, biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant densities, excreted factor serotypes, and electrophoretic mobilities of enzymes), ability of L. tropica-like organisms to visceralize, non-L. tropica organisms considered as essentially being single complex that is widely distributed in world

Taxonomy
Shirley MW; Rollinson D
1979 Symposia Brit Soc Parasitol 17 7-30 Wa
Eimeria spp., recognition and characterization of populations, review: established approaches (morphology, site and host specificity, pathogenicity, immunological specificity), new approaches (enzyme electrophoresis, genetic studies, DNA buoyant density analyses)

Taxonomy
Smyth JD
1979 Symposia Brit Soc Parasitol 17 75-101 Wa
possible application of in vitro culture techniques to (a) identification of trematode metacercariae, (b) identification of taeniid eggs, and (c) determination of strain differences in Echinococcus spp.

Taxonomy
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1981 Molec and Biochem Parasitol 2 (3-4) Feb 205-218 Wa
Plasmodium falciparum, proteins of cultured isolates, labelling with [35S]methionine, analysis of variation by two-dimensional gel electrophoresis, technique can be applied to strain typing of malaria parasites

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Thaithong S; Sueblinwong T; Beale GH
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 268-270 Wa
Plasmodium falciparum, enzyme typing of some isolates from Thailand and Cambodia

Taxonomy
Timm RM; Price RD
1980 J Med Entom 17 (2) Mar 31 126-145 Wa
Geomydoecus from Geomys bursarius complex, taxonomic revision based on multivariate analyses, variation in relation to geographic distribution: USA

Taxonomy
Vavra J et al
1981 Parasitology 82 (4) July 131-142 Wa
characters of microsporidian genera, Workshop Proceedings, 3. European Multicolloquium of Parasitology

Taxonomy
Visvesvara GS; Healy GR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 411-412 Wa
Naegleria fowleri, N. gruberi, differences in disc electrophoretic patterns of esterase isoenzymes

Taxonomy
Zillmann U; Voelker J
1980 Tropenmed u Parasitol 31 (1) Mar 15-20 Wa
Paragonimus ecuadoriensis, species characterization by isoenzyme electrophoresis, comparison with P. africanus and P. uterobilateralis

Technique [See also Culture; Diagnosis; Immunity]

Technique, Arthropoda
Bell LJ
1980 Acta Trop 37 (4) Dec 319-325 Wa
Rhipicephalus appendiculatus, 2 organ culture techniques ('backless tick explants' and excised salivary gland cultures), maturation of Theileria parva in 2 systems compared

Technique, Arthropoda
Kuramochi K; Nishijima Y
1980 Applied Entom and Zool 15 (3) Aug 262-269 Wa
Haematobia irritans, measurement of meal size by use of amaranth

Technique, Arthropoda
Yoshida T
1980 Applied Entom and Zool 15 (3) Aug 198-206 Wa
Haemaphysalis longicornis larvae, measuring apparatus for recording larval movement; diurnal activity and behavior during light and darkness and at different temperatures, tick response to increased CO_2 in air, theory for host perception

Technique, Centrifugation See Centrifugation

Technique, Cestoda
Insler GD; Roberts LS
1980 J Exper Zool 211 (1) Jan 45-54 Wa
Hymenolepis diminuta, rats, system for testing possible crowding factors in vitro, worms secreted substances inhibitory to growth of other worms

Technique, Cestoda
Loehr KA; Mead RW
[1980] J Parasitol 65 (6) Dec 1979 886-889 Issued Apr 2 Wa
Hymenolepis citelli, maceration technique for study of cytological development

Technique, Cestoda
Smyth JD; Barrett NJ
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 649-652 Wa
hydatid cysts, human, procedures for testing viability following surgical removal, especially after chemotherapy

Technique, Chromatography See Chromatography

Technique, Concentration of specimens See Technique, Parasite collection and recovery

Technique, Counting [See also Technique, Egg-count; Technique, Statistical methods]

Technique, Counting
Awadzi K; Roulet H; Bell DR
1980 Ann Trop Med and Parasitol 74 (3) June 363-366 Wa
onchocerciasis, standard method for determination of microfilarial density in skin snips

Technique, Counting
Franco ELF et al
1980 J Parasitol 66 (5) Oct 852-853 Wa
Toxoplasma gondii, quantitative method for determining parasite numbers, white cell numbers, and volume of ascitic fluid in experimentally infected mice

Technique, Counting
Kale OO
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 101-102 Wa
Onchocerca volvulus, human, ways of improving reconstitution method for counting microfilariae in skin snips

Technique, Counting
Kolonin GV; Kiselev AN; Bolotin EI
1975 Parazitologiia Leningrad 9 (5) Sept-Oct 419-424 Wa
ixodid ticks, technique for absolute registration of adults on pastures, estimation of population densities from main landscape zones of eastern Sikhote-Alin

Technique, Counting
Maeda R; Kurihara T
1980 Eisei Dobutsu (Japan J San Zool) 31 (4) Dec 15 299-302 Wa
Brugia malayi, new method for measuring blood volume and number of microfilariae ingested by individual mosquitoes

Technique, Counting
Mills JN et al
1980 Tropenmed u Parasitol 31 (3) Sept 299-312 Wa
Trypanosoma congolense in neonatal and 6-month-old calves, hemocytometer vs. cytofluorograf counts of trypanosomes in jugular blood, localization and quantitation of trypanosome in microvasculature, tests of dispersing agents (including macromolecular blood volume expanders, immunosuppressive agents, and berenil) to determine their efficacy in dislodging organisms from capillary walls

Technique, Counting
Rodwell BJ; Howard RJ
1981 Ann Trop Med and Parasitol 75 (2) Apr 123-129 Wa
Babesia, Anaplasma, Plasmodium, Trypanosoma, fluorescent method for counting blood parasites following DNA staining with 33258 Hoechst (Bisbenzimide)

Technique, Counting
Starozhitskaia GS; Zagniborodova EN; Kusova ZL
1980 Zool Zhurnal 59 (5) May 776-779 Wa
Xenopsylla, Coptopsylla, methods for estimating numbers of fleas on Rhombomys opimus

Technique, Counting
Theron A
1979 Bull World Health Organ 57 (6) 971-975 Wa
schistosome cercarial densities in standing waters, differential filtration technique for measurement, suited for field use

Technique, Counting
Walzer PD et al
1980 Infect and Immun 27 (3) Mar 928-937 Wa
Pneumocystis carinii infection in rats administered corticosteroids and low-protein diet, clinical course, parasite growth characteristics, quantitation of cysts, correlation with histopathology, long-term effects in host after steroid dose has been tapered

Technique, Egg-count
Bartholomew RK; Peters PAS; Jordan P
1981 Ann Trop Med and Parasitol 75 (4) Aug 401-405 Wm
Schistosoma mansoni in St. Lucian and Kenyan communities, comparative study using quantitative Kato thick smear stool examination technique, prevalence and intensity by age and sex, results underline importance of standardized investigative methods

Technique, Egg-count
Carney WP; Cross JH
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 278-279 Wa
Schistosoma japonicum, Macaca cyclopsis (exper.), fresh vs. frozen stool specimens, Kato thick smear technique and Stoll method

Technique, Egg-count
Dubin S
1980 J Clin Microbiol 11 (3) Mar 304 Wm
preparation and use of reticulated cover slip as aid in orientation under microscope, application to numerical estimation of parasite eggs in feces and soil

Technique, Egg-count
Egwang TG; Slocombe JOD
1981 Canad J Comp Med 45 (3) July 243-248 Wa
nematode eggs, recovery from bovine feces, evaluation of efficiency and sensitivity of several techniques using known numbers of Haemonchus contortus eggs added to helminthologically sterile bovine feces

Technique, Egg-count
Feldmeier H; Bienzle U; Dietrich M
1979 Tropenmed u Parasitol 30 (4) Dec 417-422 Wa
Schistosoma haematobium, human, filtration-trypan blue-staining-technique is superior to Fuelleborn test as it allows egg quantitation and assessment of viability at same time and provides sensitive tool for diagnosing urogenital schistosomiasis

Technique, Egg-count
Feldmeier H; Horstmann RD
1981 Ann Trop Med and Parasitol 75 (4) Aug 463-465 Wm
Opisthorchis viverrini, human, diagnosis, technique which permits filtration of duodenal fluid and counting of excreted eggs

Technique, Egg-count
Ghaleb HA et al
1979 J Egypt Med Ass 62 (1-2) 63-76 Wm
Schistosoma mansoni, untreated mice, characteristic features of oogram pattern and portal mesenteric adult worm load, high proportion of pairing in tributaries, preponderance of male worms particularly in intrahepatic location

Technique, Egg-count
Hall A
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 682-687 Wa
nematode eggs in human faeces, qualitative reliability of ether sedimentation technique for diagnosis, quantitative variability in egg counts between samples from same stool and between stools collected from same person over 5 day period: Kenya

Technique, Egg-count
Ito S
1980 Nippon Zyuisi-Kai Zassi (J Japan Vet Med Ass) 33 (9) Sept 424-429 Wa
nematode eggs in bovine feces, identification and counting using Wisconsin sugar centrifugal-flotation technique

Technique, Egg-count
Jordan P; Bartholomew RK; Peters PAS
1981 Ann Trop Med and Parasitol 75 (1) Feb 35-40 Wa
Schistosoma mansoni, human, community study of quantitative egg excretion assessed by Bell vs. Kato techniques, prevalence and intensity by host age groups: St. Lucia

Technique, Egg-count
Nozais JP
1979 Afrique Med (168) 18 Mar 179-182 Wm
Schistosoma mansoni, children, relationships between host age, host sex, fecal egg count, splenomegaly, and fluorescent antibody levels: Cote d'Ivoire

Technique, Egg-count
Peters PA et al
1980 Am J Trop Med and Hyg 29 (2) Mar 217-219 Wa
Schistosoma mansoni, quick Kato smear for field quantification of eggs in fecal material

Technique, Egg-count
Roberts JL; Swan RA
1981 Vet Parasitol 8 (2) May 165-171 Wa
Haemonchus contortus, sheep, relationship between faecal egg counts and total worm counts, size of worm population, time of year, and ratio of male to female adult worms were minor sources of variation, relationship considered to be of value in implementation of programmes of diagnosis and control of haemonchosis in sheep flocks in the area: Goondiwindi area of south-east Queensland

Technique, Egg-count
Setasuban P; Dangsupa P
1981 J Med Ass Thailand 64 (2) Feb 69-71 Wm
Necator americanus, Thai strain, human infections, prevalence (mostly female worms), intensity, localization in intestine, diagnosis by direct fecal smear and flotation technique, accuracy of diagnostic findings assessed by fecal egg counts: Thailand

Technique, Egg-count
Valencia CI; Abear RF
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 280-283 Wa
Schistosoma japonicum eggs, modification of quantitative thick smear method of Kato and Miura

Technique, Egg-count
Whitlock HV et al
1980 Vet Parasitol 7 (3) Nov 215-232 Wa
simplified in vitro field screening methods for detection and assay of benzimidazole-resistance in sheep trichostrongylids and horse strongyles, field method for selecting test animals with low egg-counts, method for counting low levels of nematode eggs in faeces, method for recovery of eggs from faeces, method for culture of eggs or 1st-stage larvae to 3rd stage for identification

Technique, Electron microscopic
Corwin D; Clifford CM; Keirans JE
1979 J Med Entom 16 (4) Nov 7 352-353 Wa
ticks, improved cleaning method in which common household glue is used to remove integumental debris before examination by scanning electron microscopy

Technique, Electron microscopic
Ko RC
1980 Ztschr Parasitenk 64 (1) 117-118 Wa
simple method of mounting small nematodes for en face study using scanning electron microscope

Technique, Electron microscopic
Vavra J; Barker RJ; Vivares CP
1981 J Invert Path 37 (1) Jan 47-53 Wa
Thelohania maenadis, pansporoblast, preservation by air drying, freeze-drying, and critical point drying for scanning electron microscopy; light and transmission electron microscopy

Technique, Electrophoresis See Electrophoresis

Technique, Experimental hosts
Agarwal RK; Johri GN
1980 J Helminth 54 (2) June 109-115 Wa
Ancylostoma caninum in Gallus domesticus (exper.), migration and distribution of larvae in tissues

Technique, Experimental hosts
Aoki Y; Recinos MM; Hashiguchi Y
1980 J Parasitol 66 (5) Oct 797-801 Wa
Onchocerca volvulus, life span and distribution of microfilariae in mice, possible model host

Technique, Experimental hosts
Astaf'ev BA; Fedina LV
1975 Parazitologiia Leningrad 9 (4) July-Aug 321-326 Wa
Hymenolepis nana, strains from man, white rats, and Norway rats, adaptation to white mouse, infectivity, developmental rates of tissue stages, localization of cysticercoids in small intestine and mesenteric lymph glands

Technique, Experimental hosts
Babiker EA; Le Ray D
1981 Ann Soc Belge Med Trop 61 (1) Mar 15-29 Wa
Trypanosoma brucei gambiense, adaptation of low virulence stocks to rats and mice, evaluation of some methods previously described for enhancing trypanosome infectivity (rapid passaging, drug-induced immunodepression, use of age-related receptivity), establishment of cloned pleomorphic populations

Technique, Experimental hosts
Bafort JM; Pryor WH jr; Ramsey JM
1980 J Parasitol 66 (2) Apr 337-338 Wa
Plasmodium berghei, rats, successful immunization with irradiated sporozoites, advantages of rat model over mouse model

Technique, Experimental hosts
Bastos OC; Magalhaes LA; Pareja GB
1979 Rev Saude Pub S Paulo 13 (4) Dec 335-340 Wm
Schistosoma mansoni, behavior of human strain in inbred vs. outbred mice and of wild rodent strain in inbred mice, advantages of use of inbred mice

Technique, Experimental hosts
Beckers A et al
1981 Ztschr Parasitenk 64 (3) 285-296 Wa
Trypanosoma brucei gambiense, 5 stocks from different endemic foci in Central Africa, differences in virulence to laboratory albino rats and white mice, parasitaemia and evolution of disease, indirect immunofluorescence, parasite distribution in various organs, symptoms and gross pathology

Technique, Experimental hosts
Beveridge I; Kummerow E; Wilkinson P
1980 Tropenmed u Parasitol 31 (1) Mar 82-86 Wa
Onchocerca gibsoni, experimental infection of rats, mice, guinea pigs, and Brahman calves with microfilariae, parasite migration, localization, and density in host skin, effect of route of inoculation

Technique, Experimental hosts
Bhopale MK; Menon S; Kulkarni L
1980 J Helminth 54 (2) June 97-104 Wa
Necator americanus in infant rabbits, complete development, humoral antibody, leukocyte response, serum protein changes, suitable laboratory model

Technique, Experimental hosts
Bianco AE; El Sinnary K
1980 J Helminth 54 (2) June 105-107 Wa
Onchocerca gutturosa, infection of Aedes aegypti by membrane feeding or intrathoracic injection, seems unlikely that substantial numbers of 3rd stage larvae can be produced in this unnatural insect host

Technique, Experimental hosts
Bisset SA
1980 Vet Parasitol 7 (4) Dec 363-368 Wa
kid goats and lambs tested as experimental hosts for some common cattle trichostrongylids

Technique, Experimental hosts
Bolomo N et al
1980 Medicina Buenos Aires 40 (6 pt 1) Nov-Dec 667-672 Wm
T[rypanosoma] cruzi in Cebus sp. (exper.), possible useful experimental model for some major aspects of chronic Chagas disease in man, particularly megacolon

Technique, Experimental hosts
Brandborg LL et al
1980 Gastroenterology 78 (6) June 1602-1614 Wa
Giardia lamblia, man who had vacationed in Tahiti, case report; discussion of traveler's diarrhea and giardiasis (epidemiology, pathogenesis, diagnosis, asymptomatic infections, pathology, G. muris in mouse model, treatment)

Technique, Experimental hosts
Burden DJ et al
1981 Parasitology 83 (2) Oct 249-252 Wa
Fasciola hepatica, rats, technique for study of gut penetration by juvenile flukes, involves ligation of small sections of small intestine and introduction of artificially excysted flukes into these gut loops, more flukes reached body cavity in naive rats than in resistant rats

Technique, Experimental hosts
Bywater JEC; Kellett BS; Waller T
1980 Lab Animals 14 (2) Apr 87-89 Wa
Encephalitozoon cuniculi, high prevalence of antibodies in commercially available rabbit antisera and serum reagents, contamination creates problems for E. cuniculi studies

Technique, Experimental hosts
Cabeza Meckert P; Chambo GJ; Laguens RP
1980 Medicina Buenos Aires 40 Suppl (1) 40-44 Wm
Trypanosoma cruzi, pregnant mice with chronic infections, congenital infection of offspring occurs infrequently (results similar to human infections)

Technique, Experimental hosts
Campbell CC; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 548-549 Wa
Plasmodium falciparum, adaptation of cultured strain to intact Saimiri sciureus

Technique, Experimental hosts
Chapman WL jr et al
1979 Rev Inst Med Trop S Paulo 21 (4) July-Aug 189-193 Wm
Leishmania donovani, dogs (exper.), acceptable model for preclinical testing of potential human antileishmanials

Technique, Experimental hosts
Chapman WL jr; Hanson WL
1981 J Parasitol 67 (5) Oct 740-741 Wa
Leishmania donovani in Saimiri sciurea (exper.) as model for visceral leishmaniasis

Technique, Experimental hosts
Chapman WL jr; Hanson WL; Hendricks LD
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 124-125 Wa
Leishmania donovani in Aotus trivirgatus (exper.), development of fulminating visceral leishmaniasis, useful non-human primate model for study of promising chemotherapeutic leads

Technique, Experimental hosts
Cheever AW et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1327-1339 Wa
Schistosoma japonicum, rabbits infected with Japanese and Philippine strains, hepatic fibrosis, imperfect experimental model of Symmers' clay pipestem fibrosis but only one available other than chimpanzee

Technique, Experimental hosts
Cheever AW; Duvall RH
1981 Am J Trop Med and Hyg 30 (3) May 604-608 Wa
Schistosoma haematobium-infected Hylobates lar (exper.), bladder calcification and obstructive uropathy despite low mean excretion of eggs

Technique, Experimental hosts
Chernin J
1981 J Helminth 55 (3) Sept 209-222 Wa
Taenia crassiceps in males and females of several different strains of rats, host growth curves, volume, antigenicity, and size of metacestodes

Technique, Experimental hosts
Chiari E et al
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 207-208 Wm
Trypanosoma cruzi, rabbit is probably not a suitable model for human infection research although this conclusion may apply only to certain parasite strains (Y, CL, MR)

Technique, Experimental hosts
Chomcharn Y; Harinasuta T
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 123-124 Wa
Anopheles dirus (principal malaria vector in Thailand), membrane feeding increases blood volume ingested and thus infectivity of mosquito was higher

Technique, Experimental hosts
Christensen HA; de Vasquez AM
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 54-56 Wa
Leishmania braziliensis and L. mexicana in Aotus trivirgatus (exper.), susceptibility and course of infection, possible model host

Technique, Experimental hosts
Collins WE et al
[1980] J Parasitol 65 (6) Dec 1979 870-874 Issued Apr 2 Wa
Plasmodium simium, infectivity to Aotus trivirgatus griseimembra and different anophelines

Technique, Experimental hosts
Collins WE et al
1980 J Parasitol 66 (3) June 488-497 Wa
Plasmodium vivax, Chesson strain, parasitemia in Aotus trivirgatus, mosquito infectivity and transmission studies

Technique, Experimental hosts
Collins WE et al
1980 J Parasitol 66 (5) Oct 780-785 Wa
Plasmodium vivax, West Pakistan strain, in Aotus trivirgatus griseimembra and anopheline mosquitoes

Technique, Experimental hosts
Collins WE et al
1981 J Parasitol 67 (2) Apr 222-225 Wa
Plasmodium inui OS strain, development in splenectomized Aotus trivirgatus griseimembra, parasitemias and mosquito (Anopheles dirus) infection levels

Technique, Experimental hosts
Collins WE et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 26-30 Wa
Plasmodium, susceptibility of Peruvian Aotus trivirgatus (exper.) to infection with different species

Technique, Experimental hosts
Collins WE; Contacos PG
1980 J Parasitol 66 (6) Dec 998-1002 Issued May 6 1981 Wa
Plasmodium gonderi in Macaca mulatta and Anopheles spp., mosquito infectivity and transmission studies, prepatent periods and parasitemias

Technique, Experimental hosts
Connor RJ
1980 Ann Trop Med and Parasitol 74 (1) Feb 97-99 Wa
Echinococcus granulosus equinus, establishment of fertile infection of British strain in Balb/c mice

Technique, Experimental hosts
Copeman DB
1979 Tropenmed u Parasitol 30 (4) Dec 469-474 Wa
Onchocerca gibsoni- and O. gutturosa-infected cattle evaluated as possible tertiary drug screen for predicting effect of drugs in man against O. volvulus

Technique, Experimental hosts
Corsini AC et al
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 192-196 Wa
Trypanosoma cruzi strain Y, susceptibility of various inbred mouse strains to infection, F1 mice recommended as good model for experimental Chagas infection as acute and chronic phases were well characterized in this strain

Technique, Experimental hosts
Coulanges P et al
1979 Bull Soc Path Exot 72 (3) May-June 272-278 Wa
pathology of lemurs, including parasitic infections, review, possible use as laboratory hosts for study of human infections

Technique, Experimental hosts
Cross JH et al
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 114-122 Wa
Wuchereria bancrofti, development in laboratory models

Technique, Experimental hosts
Cross JH; Hsu MYK; Lien JC
1980 Am J Trop Med and Hyg 29 (1) Jan 46-49 Wa
larval filariae, development in Toxorhynchites species, this group of mosquitoes may be useful laboratory vectors for transmission of arthropod-borne diseases

Technique, Experimental hosts
Dawkins HJS et al
1980 Internat J Parasitol 10 (2) Apr 125-129 Wa
Strongyloides ratti, 11 inbred strains of mice and 1 outbred strain, susceptibility to infection, effect of host age, host sex, dose, and route of injection, resistance to challenge infection; C57Bl/6 and CBA mice may provide useful model hosts

Technique, Experimental hosts
Dhar DN; Sharma RL; Bansal GC
1981 Vet Parasitol 8 (3) July 219-228 Wa
Dictyocaulus filaria, lambs, effect of inoculum size and betamethasone treatment on host survival and faecal larval production

Technique, Experimental hosts
Dissanaike AS; Mak JW
1980 J Helminth 54 (2) June 117-122 Wa
Wuchereria bancrofti (rural strain), successful experimental transmission to immunosuppressed Macaca fascicularis, description of worms

Technique, Experimental hosts
Duhrkopf RE; Trpis M
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 815-819 Wa
Brugia malayi, B. pahangi, degree of susceptibility and levels of infection in 10 different strains of Aedes polynesiensis, provides even better laboratory model for vector-parasite studies than strains of A. aegypti currently used

Technique, Experimental hosts
Duke BOL
1980 Tropenmed u Parasitol 31 (1) Mar 41-54 Wa
Onchocerca volvulus, 3 strains in Pan troglodytes (exper.), prepatent periods and microfilarial productivity, duration of infections, microfilarial distribution in body in relation to site of inoculation of infective larvae, location and numbers of adult worm bundles, absence of ocular lesions

Technique, Experimental hosts
Dutta GP; Singh PP
1979 Indian J Med Research 70 Suppl Dec 91-94 Wa
Plasmodium knowlesi-infected Macaca assamensis (new host), blood schizontocidal activity of some antibiotics

Technique, Experimental hosts
Dutta GP; Singh PP; Saibaba P
1981 Indian J Med Research 73 Suppl Jan 63-66 Wa
Plasmodium knowlesi, Presbytis entellus as a new host for experimental infections

Technique, Experimental hosts
van den Ende MC; Albiez EJ; Dennis EA
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 310-311 Wa
Onchocerca volvulus, transplantation of adult worms into chimpanzees from humans

Technique, Experimental hosts
Ernst JV; Benz GW
1980 J Parasitol 66 (4) Aug 625-629 Wa
Eimeria wyomingensis, establishment of experimental infections in calves

Technique, Experimental hosts
Ewert A; Reitmeyer JC; Folse D
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 32-39 Wa
Brugia malayi, cats, repeated infection with exposure to opportunistic streptococcus enhances production and persistence of edematous and fibrotic tissues surrounding affected lymphatics

Technique, Experimental hosts
Fanning MM et al
1981 J Infect Dis 144 (2) Aug 148-153 Wa
Schistosoma mansoni, course of infection studied in various inbred strains of mice (according to degree of portal hypertension, granuloma size, organomegaly), data indicate that immunopathology associated with parasitic infection in mice is influenced by genetic background of host and is dependent in part on cell-mediated immunity

Technique, Experimental hosts
Flavell DJ et al
1980 Acta Trop 37 (4) Dec 337-350 Wa
Opisthorchis viverrini-infected golden hamsters maintained on high and low protein diets, liver histopathology

Technique, Experimental hosts
Gannon J
1980 Lab Animals 14 (2) Apr 91-94 Wa
Encephalitozoon cuniculi, serological surveys of laboratory rabbit, mouse, rat and guinea pig colonies for prevalence; pathology, nephritis

Technique, Experimental hosts
Gass RF; Tanner M; Weiss N
1979 Ztschr Parasitenk 61 (1) 73-82 Wa
Dipetalonema viteae third-stage larvae, development within micropore chambers implanted into jirds, hamsters, normal and immunized mice; antibody production against cuticle and common antigens by immunized mice led to inhibited third- and fourth-stage larvae, increased larval mortality, and impaired larval motility

Technique, Experimental hosts
Geerts S; Kumar V; Mortelmans J
1981 Trop Animal Health and Prod 13 (1) Feb 37-40 Wa
Taenia saginata cysticercosis, sheep as experimental model host

Technique, Experimental hosts
Ghareeb AM et al
1975 Ain Shams Med J 26 (1) Jan 81-89 Wm
Schistosoma mansoni, hormonal and enzyme changes occurring with hepatosplenic involvement, possible effects on host growth and development, golden hamster used as exper. model for human infections

Technique, Experimental hosts
Graves PM
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 738-742 Wa
Plasmodium falciparum, use of membrane feeding technique for infecting Anopheles gambiae, optimum feeding time required to produce reliable infections, relationship between gametocytaemia and infectivity to mosquitoes

Technique, Experimental hosts
Gupta SL; Gautam OP; Bhardwaj RM
1980 Indian J Animal Sc 50 (7) July 596-597 Wa
Toxoplasma gondii, comparative susceptibility of Mastomys natalensis and Swiss albino mice to experimental infection

Technique, Experimental hosts
Gusmao RA; Stanley AM; Ottesen EA
1981 Exper Parasitol 52 (1) Aug 147-159 Wa
Brugia pahangi, inbred Lewis rats, cellular and humoral immune responses (blood leukocyte levels, antifilarial IgG and IgE antibody production, specific lymphocyte responses to mitogens and filarial antigens), findings suggest that development of specific IgE antibodies plays role in differential susceptibility to infection in these rats

Technique, Experimental hosts
Gysin J; Fandeur T
1981 J Immunol Methods 43 (2) June 16 193-197 Wm
method for inducing production of large amounts of ascitic fluid in Saimiri sciureus, antibody titers against Plasmodium falciparum in infected monkeys were comparable in serum and ascitic fluid

Technique, Experimental hosts
Gysin J; Hommel M; da Silva LP
1980 J Parasitol 66 (6) Dec 1003-1009 Issued May 6 1981 Wa
Plasmodium falciparum in Saimiri sciureus (exper.), could be useful laboratory host

Technique, Experimental hosts
Hanson WL; Chapman WL jr; Hendricks LD
1980 J Parasitol 66 (4) Aug 700-701 Wa
Leishmania donovani in Didelphis marsupialis (exper.), possibly useful host for drug screening

Technique, Experimental hosts
Haque A et al
1980 Exper Parasitol 49 (3) June 398-404 Wa
Dipetalonema viteae, attempted infection with 3rd stage larvae in different mouse strains and in nude mice, microfilariae production in different mouse strains and in nude mice after implantation of adult female parasites

Technique, Experimental hosts
Herbert WJ; Joshua RA; White RG
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 149 Wa
Trypanosoma brucei in Gallus domesticus (exper.), course of infection, self-cure, subsequent immunity to challenges that contained many variable antigen types, may be useful model host

Technique, Experimental hosts
Hicks RM; James C; Webbe G
1980 Brit J Cancer 42 (5) Nov 730-755 Wa
Schistosoma haematobium-infected Papio sp., effects of parasite infection and of urine-borne carcinogen on development of urothelial neoplasia; in this model, schistosomiasis supplies proliferative stimulus necessary to accelerate cancer growth from latent tumor foci produced by exposure to low doses of bladder carcinogen

Technique, Experimental hosts
Holkova R et al
1979 Bratisl Lekar Listy 72 (5) Nov 591-596 Wm
Toxoplasma gondii, latent infection in laboratory rabbits could affect results of experiments and also pose a risk to laboratory workers

Technique, Experimental hosts
Hudson L
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 493-498 Wa
Trypanosoma cruzi, modelling the host and the parasite (in vivo and in vitro studies), immune response (immunity to infection, immunity and pathogenesis, immunization and immunoprophylaxis), monoclonal antibodies as immunological tools, review

Technique, Experimental hosts
Huether AM
1981 Tropenmed u Parasitol 32 (1) Mar 51-54 Wa
Trypanosoma cruzi, cyclophosphamide-immunosuppressed mice vs. untreated mice, course of parasitemia, parasite ultrastructure

Technique, Experimental hosts
Irvin AD
1980 Trop Dis Research Ser (3) 147-148 Wm
Theileria parva, attempts to adapt to different cell and animal systems, workshop presentation

Technique, Experimental hosts
Ishii AI et al
1980 Internat J Zoonoses 7 (2) Dec 120-124 Wm
Angiostrongylus cantonensis, Mesocricetus auratus vs. Wistar albino rats, exper. infection rate, concluded that hamster could serve as exper. host if light infections (under 10 worms) were given, larger infections caused death of hamsters before adult parasites could be recovered

Technique, Experimental hosts
Joky A; Garin JP
1980 Ann Soc Belge Med Trop 60 (4) Dec 355-368 Wa
Schistosoma mansoni, liver histopathology and granuloma formation studied in albino rats

Technique, Experimental hosts
Jongejan F et al
1980 Research Vet Sc 29 (3) Nov 320-324 Wa
Theileria parva, artificial infection of Rhipicephalus appendiculatus using fresh or cryopreserved infected blood, failure to infect ticks with cell culture grown stages of parasite

Technique, Experimental hosts
Kelly JD et al
1981 Research Vet Sc 30 (2) Mar 131-137 Wa
Trichostrongylus colubriformis, ovine isolates, use of guinea pigs to assay anthelmintic resistance

Technique, Experimental hosts
Klowden MJ
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 354-358 Wa
Brugia pahangi, Aedes aegypti infected with known numbers of microfilariae administered by blood enema technique, relationship to numbers of infective larvae recovered, effects of subsequent blood and sugar feeding on loss of infective larvae

Technique, Experimental hosts
Krampitz HE; Weber B; Scheffer K
1977 Acta Trop 34 (4) Dec 293-311 Wa
Leishmania, 2 strains isolated from oriental sores of German tourists returning from Malta and Saudi Arabia, behavior in various laboratory hosts with particular reference to organotropy

Technique, Experimental hosts
Kummel BA; Estes SA; Arlian LG
1980 J Am Vet Med Ass 177 (9) Nov 1 903-908 Wa
Trixacarus caviae in Cavia porcellus (skin) (nat. and exper.), clinical signs, development of 'scabies-like' condition in 1 of 2 owners, case report; transmission studies from diseased to healthy guinea pigs; morphologic comparison of T. caviae and Sarcoptes scabiei; reported successful treatments; possible model for study of scabies in man and other animals

Technique, Experimental hosts
Kuntz RE; Huang TC; Moore JA
1980 Proc Helminth Soc Washington 47 (2) July 260-262 Issued Aug 25 Wa
Schistosoma intercalatum, Cebus apella as satisfactory experimental host, distribution of schistosomes and eggs in host

Technique, Experimental hosts
Laguens RP et al
1980 Medicina Buenos Aires 40 Suppl (1) 33-39 Wm
Trypanosoma cruzi-infected 3-month-old outbred Swiss albino mice, postulated that infection with low numbers of parasites leads to chronicity, similarities to human Chagas infection (morphological, immunological, and electrocardiographical)

Technique, Experimental hosts
Laranja FS; Andrade ZA
1980 Arq Brasil Cardiol 35 (5) Nov 377-380 Wm
Trypanosoma cruzi, dog (exper.), chronic active fibrosing diffuse myocarditis, dog can produce chronic myocardiopathy similar to that in human infections

Technique, Experimental hosts
Lee KM; Fan PC
1980 Internat J Zoonoses 7 (2) Dec 142-149 Wm
Trypanosoma gambiense, syringe passage from albino-mouse to mice, rats, gerbil, and hamster, comparison study, exper. transmission, survival rate, host resistance, hamster probably most satisfactory and economical laboratory host

Technique, Experimental hosts
Liddell KG; Lucas SB; Williams H
1981 Parasitology 82 (2) Apr 205-224 Wa
Babesia divergens (strain isolated from fatal human case)-infected Meriones unguiculatus, useful laboratory host: general course of disease, cryopreservation of infected blood, host adaptation/parasite virulence during semi-continuous passage, parasite morphology, haematological, blood biochemical, and pathological findings, immunity of recovered animals to further challenge

Technique, Experimental hosts
Lok JB et al
1980 Am J Trop Med and Hyg 29 (3) May 382-388 Wa
Onchocerca spp., Aedes aegypti as surrogate host in laboratory, infection rates, mosquito mortality, infectivity of cryopreserved microfilariae, incidence of abnormal parasite development

Technique, Experimental hosts
Lok JB; Cupp EW; Bernardo MJ
1980 Tropenmed u Parasitol 31 (4) Dec 498-506 Wa
Onchocerca lienalis, development in Simulium decorum and S. pictipes, O. volvulus, development in S. decorum (all exper.), parental females of several geographic strains plus colonized flies used, fresh and cryopreserved microfilariae used, effect of microfilarial dosage

Technique, Experimental hosts
Long PL; Johnson J; Reyna P
1980 Avian Dis 24 (2) Apr-June 435-445 Wa
Eimeria spp., broiler chicks (nat. and exper.), use of sentinel birds to monitor potential coccidial challenge, technique may be used to monitor effectiveness of anticoccidial drugs or the immune status of chickens

Technique, Experimental hosts
Losos GJ
1980 Vet Research Commun 4 (3) Nov 165-181 Wa
Trypanosoma evansi, review (epidemiology, diagnosis, clinical signs, pathology, immunology, laboratory animal models, chemotherapy)

Technique, Experimental hosts
Luxenberg MN
1979 Tr Am Ophth Soc 77 542-602 Wm
Toxocara canis, exper. infection in Aotus trivirgatus, clinical manifestations with emphasis on eye infections, various diagnostic tests, evaluation of systemic and intraocular responses with various laboratory and serological tests including the ELISA test, literature review

Technique, Experimental hosts
McKinney LA; Hendricks LD
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 753-760 Wa
Leishmania braziliensis panamensis in Mystromys albicaudatus (exper.), gross and histopathologic appearance of lesions, excellent laboratory animal model of American cutaneous leishmaniasis

Technique, Experimental hosts
Madsen H; Frandsen F
1980 Ann Trop Med and Parasitol 74 (2) Apr 259-261 Wa
freshwater pulmonate snails, dog food successfully used as additional food for laboratory cultures

Technique, Experimental hosts
Mango CKA; Galun R
1977 J Med Entom 14 (3) Nov 30 305-308 Wa
Ornithodoros moubata, suitability of laboratory hosts for rearing, chickens and rabbits superior to rats and guinea pigs, comparison with field-collected ticks from warthog burrows indicates there are missing factors in diet of laboratory-fed ticks

Technique, Experimental hosts
Marsden PD et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 314-315 Wa
Leishmania chagasi in Callithrix jacchus jacchus (exper.) as possible model for American visceral leishmaniasis, course of disease, no consistent coagulation defects occurred

Technique, Experimental hosts
Mayberry LF et al
1981 J Parasitol 67 (2) Apr 236-240 Wa
Brachylaime microti-infected Meriones unguiculatus (exper.), biliary tract histopathologic responses

Technique, Experimental hosts
Mello DA; Valin E; Teixeira ML
1979 Rev Saude Pub S Paulo 13 (4) Dec 314-325 Wm
Trypanosoma cruzi, wild strains (collected during study of reservoir hosts) in experimental hosts, parasitemia, prepatent period, pathogenicity, pathology, tissue tropism: county of Formosa, State of Goias, Brasil

Technique, Experimental hosts
de Mello RT; Pereira LH; Pellegrino J
1979 Rev Inst Med Trop S Paulo 21 (1) Jan-Feb 1-4 Wm
Schistosoma mansoni-infected Cebus monkeys used to test experimental therapeutics, circumoval precipitin test used to assess cure rate of experimental compounds

Technique, Experimental hosts
Mikhail IA et al
1981 Am J Trop Med and Hyg 30 (2) Mar 385-393 Wa
Schistosoma mansoni, Mesocricetus auratus as animal model to study association of salmonellosis and schistosomiasis, findings suggest that direct physical relationship between bacteria and worms facilitates establishment and growth of Salmonella paratyphyi A in vivo and that deficit in host immune response is not major factor involved in enhanced growth of S. paratyphi A; concurrent Leishmania donovani infections have no effect on S. paratyphi A infections

Technique, Experimental hosts
Mitra K; Sharma NN
1981 Vet Parasitol 8 (4) Sept 265-270 Wa
Tritrichomonas foetus, pathogenicity of recently isolated strain in mice

Technique, Experimental hosts
Moloo SK
1981 Acta Trop 38 (2) June 125-136 Wa
Trypanosoma vivax, T. congolense, T. brucei, species of host on which Glossina morsitans morsitans is maintained after infected blood meal can have significant influence on the vector's subsequent infection rates

Technique, Experimental hosts
Moloo SK
1981 Internat J Parasitol 11 (3) June 191-196 Wa
Trypanosoma vivax, cyclical transmission of West African stock amongst rabbits, rats, mice, and goats by Glossina morsitans morsitans and G. m. centralis

Technique, Experimental hosts
Moore JA; Kuntz RE
1981 J Parasitol 67 (3) June 454-456 Wa
Babesia microti in splenectomized and intact nonhuman primates, susceptibility and parasitological features of infections

Technique, Experimental hosts
Moore JA; Kuntz RE; Huang TC
1980 Acta Cytol 24 (3) May-June 247-251 Wa
Schistosoma haematobium in Cebus apella, laboratory model, utilization of exfoliative cytology to evaluate status of urogenital pathology

Technique, Experimental hosts
Mudry DR; Arai HP
1973 Canad J Zool 51 (7) July 781-786 Wa
Hunterella nodulosa in Limnodrilus udekemianus (exper.) and Catostomus commersoni (nat. and exper.), life cycle from egg to adult, pattern of growth in size and organ development in adults; method of egg collection, selection of uninfected exper. hosts: Nose Creek, Calgary, Alberta

Technique, Experimental hosts
Mukerji K et al
1981 J Biosc 3 (1) Mar 77-82 Wa
Ascaris lumbricoides, guinea pigs, immunization, immediate hypersensitivity following challenge, characterization of cytotropic antibodies, skin tests in Ascaris-positive human subjects, concluded that guinea pig is suitable model for testing human Ascaris allergens

Technique, Experimental hosts
Mulumba PM; Wery M
1981 Ann Soc Belge Med Trop 61 (1) Mar 31-55 Wa
Trypanosoma brucei gambiense, mice (exper.), evaluation of method of determining trypanosome concentration in tissue using elution of blood and crushed viscera followed by concentration of eluate on porous membranes

Technique, Experimental hosts
Nair KV; Gillon J; Ferguson A
1981 Gut 22 (6) June 475-480 Wm
Giardia muris-infected mice, study of effects of corticosteroid therapy in intestinal infection shows that such treatment leads to recrudescence of occult infection, implication for human intestinal protozoan infections

Technique, Experimental hosts
Nojima H; Noda S; Sato A
1980 J Parasitol 66 (3) June 478-482 Wa
Schistosoma mansoni serial implantations of larval schistosomes from infected to uninfected Biomphalaria spp., single miracidium sufficient to infect initial donor, possibility of cloning of unisexual infections in experimental infections

Technique, Experimental hosts
Oku Y; Katakura K; Kamiya M
1980 Am J Trop Med and Hyg 29 (2) Mar 316-318 Wa
Angiostrongylus cantonensis, tadpole of Xenopus laevis as experimental intermediate host

Technique, Experimental hosts
Orihel TC et al
1981 Am J Trop Med and Hyg 30 (4) July 790-794 Wa
Mansonella ozzardi in Erythrocebus patas (exper.), characteristics of infection, 4 other laboratory primates not susceptible to infection

Technique, Experimental hosts
Panitz E; Shum KL
1981 J Parasitol 67 (1) Feb 135-136 Wa
Trichostrongylus axei or T. colubriformis infections in Meriones unguiculatus as anthelmintic screening model, efficacy of fenbendazole, cambendazole, levamisole, and morantel

Technique, Experimental hosts
Panitz E; Shum KL
1981 J Parasitol 67 (2) Apr 218 Wa
Trichostrongylus axei, T. vitrinus, T. colubriformis, distribution in stomach and small intestine of Meriones unguiculatus (exper.), first report of gerbil as experimental host for T. vitrinus

Technique, Experimental hosts
Patzig F; Schmid K
1981 Ztschr Parasitenk 65 (3) 261-270 Wa
Chaetogaster limnaei on laboratory Planorbis planorbis colonies used for life cycle studies of Paramphistomum cervi, ingestion of miracidia and swarming cercariae as a potential problem during trematode research, removal technique

Technique, Experimental hosts
Peters W; Ramkaran AE
1980 Ann Trop Med and Parasitol 74 (3) June 275-282 Wa
Plasmodium yoelii, P. berghei, beneficial effect on transmission of p-aminobenzoic acid supplement in diet of Anopheles stephensi or mouse hosts, may be used to increase infection rates and infection densities; sulphadoxine (which blocks PABA uptake) had opposite action

Technique, Experimental hosts
Peters W; Trotter ER; Robinson BL
1980 Ann Trop Med and Parasitol 74 (3) June 289-298 Wa
Leishmania infantum LV9 in NMRI mice as practical and economic model for drug screening, activity in this model of variety of compounds, comparison with earlier results in tissue culture system and with hamster models

Technique, Experimental host
Peters W; Trotter ER; Robinson BL
1980 Ann Trop Med and Parasitol 74 (3) June 321-335 Wa
Leishmania major LV39 and L. mexicana amazonensis LV78 in TFW mice, activity of various compounds in these models, comparison with earlier results in tissue culture system and with L. infantum, analysis of mode of action of most active compounds, recommendation that certain compounds should be pursued in clinical trials

Technique, Experimental hosts
Poltera AA et al
1980 Clin and Exper Immunol 40 (3) June 496-507 Wa
Trypanosoma brucei brucei, successful induction of cerebral trypanosomiasis in ordinary laboratory mice, parasitaemia and serology, histopathology, immunohistology, electronmicroscopic studies, evolution of brain lesions after ethidium bromide treatment

Technique, Experimental hosts
Poltera AA; Hochmann A; Lambert PH
1980 Am J Path (456) 99 (2) May 325-351 Wa
Trypanosoma brucei brucei-infected mice as model for study of pancarditis, findings suggest that immune mechanisms may be involved in pathogenesis, offers suitable model for evaluation of efficacy of trypanocidal drugs

Technique, Experimental hosts
Prentice MA; Christie JD; Barnish G
1981 Ann Trop Med and Parasitol 75 (4) Aug 407-413 Wm
3 types of trap designed to enhance opportunities for contact between laboratory-reared sentinel snails and schistosome miracidia in running water, higher snail infection rates than snails exposed in standard mosquito gauze bags, improvement in infection rate also resulted when same total number of snails was exposed in groups of only 5 per unit

Technique, Experimental hosts
Ray DK; Chatterjee DK
1981 Ann Trop Med and Parasitol 75 (2) Apr 255-256 Wa
Entamoeba histolytica, caecal amoebiasis in albino mice as experimental model, infections established in golden hamsters using same technique

Technique, Experimental hosts
Ray DK; Shrivastava VB
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 566-567 Wa
Ancylostoma ceylanicum, Necator americanus, infectivity for hamsters of ingested fourth-stage larvae and adult hookworms, epidemiological significance

Technique, Experimental hosts
Redl P; Kassai T
1979 Magy Allat Lapja 101 34 (7) July 489-491 Wa
Mastomys natalensis susceptible to Nippostrongylus brasiliensis infection, but various factors make it an unsuitable host

Technique, Experimental hosts
Reid GDF
1979 Ann Trop Med and Parasitol 73 (6) Dec 577-581 Wa
Onchocerca volvulus, development to 3rd stage larvae in Simulium ornatum and S. lineatum, possible use as laboratory models

Technique, Experimental hosts
Rossan RN; Christensen HA; Harper JS III
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 289-290 Wa
Plasmodium falciparum (Nigerian strain), adaptation to Panamanian Aotus trivirgatus griseimembra

Technique, Experimental hosts
Ruebush TK II; Collins WE; Warren M
1981 Am J Trop Med and Hyg 30 (2) Mar 304-307 Wa
Babesia microti-infected Macaca mulatta (exper.), recurrent parasitemia before and after splenectomy

Technique, Experimental hosts
Russell AS; June CH
1980 J Parasitol 66 (6) Dec 1065-1066 Issued May 6 1981 Wa
P[lasmodium] berghei, mice, nature of early mortality, characteristics of parasite or host response may well be altered by previous passage of parasite through various mouse strains

Technique, Experimental hosts
Saenger I; Laemmler G; Kimmig P
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1981 J Helminth 55 (3) Sept 167-171 Wa
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Schistosoma mansoni in St. Lucian and Kenyan communities, comparative study using quantitative Kato thick smear stool examination technique, prevalence and intensity by age and sex, results underline importance of standardized investigative methods

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1981 Parasitology 83 (1) Aug 91-101 Wa
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Identification of intestinal nematodes using the digital rectal examinations, humans

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Schistosoma mansoni, human, community study of quantitative egg excretion assessed by Bell vs. Kato techniques, prevalence and intensity by host age groups: St. Lucia

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1980 Nippon Zyuisi-Kai Zassi (J Japan Vet Med Ass) 33 (2) Feb 65-69 Wa
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1981 Tr Roy Soc Trop Med and Hyg 75 (3) 365-371 Wa
Schistosoma mansoni, human, diagnosis, comparison of sensitivity and specificity of ELISA, radioimmunoassay, and stool examination (Bell filtration technique, Kato thick smear), host age effects: St. Lucia, West Indies

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Technique, Fecal examination
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Entamoeba histolytica, children, diagnosis, comparison of fecal examination methods

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Diphyllobothrium latum, humans, diagnosis, fecal examination, D'Antoni's iodine solution vs. tap water

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Entamoeba histolytica, humans, diagnosis, fecal culture: Italy

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Giardia lamblia, humans, various diagnostic methods

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Truant AL et al
1981 J Clin Microbiol 13 (5) May 882-884 Wa
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Tzipori S et al
1980 N England J Med 303 (14) Oct 2 818 Wa
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Schistosoma japonicum eggs, modification of quantitative thick smear method of Kato and Miura

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Technique, Fecal examination
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Entamoeba histolytica, Giardia lamblia, humans, growing incidence as sexually transmitted enteric infection, pathogenesis, clinical signs, diagnostic methods, therapy, follow-up management

Technique, Fecal examination
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Technique, Gel diffusion See Immunity, Precipitation

Technique, Immunodiffusion See Immunity, Precipitation

Technique, Immunoelectrophoresis See Immunity, Precipitation

Technique, Immunofluorescence See Immunofluorescence

Technique, Immunological See Immunity and its subdivisions

Technique, Implantation See Transplantation

Technique, Isoelectric focusing See Electrophoresis

Technique, Laboratory hosts See Technique, Experimental hosts

Technique, Laboratory rearing of arthropods See Technique, Rearing, Arthropoda

Technique, Mass production, Nematoda See Culture, Nematoda; Technique, Nematoda

Technique, Mass production, Protozoa See Culture, Protozoa; Technique, Protozoa

Technique, Mass production, Trematoda See Culture, Trematoda; Technique, Trematoda

Technique, Microscopic [See also Technique, Electron microscopic]

Technique, Microscopic
Dubin S
1980 J Clin Microbiol 11 (3) Mar 304 Wm
preparation and use of reticulated cover slip as aid in orientation under microscope, application to numerical estimation of parasite eggs in feces and soil

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Technique, Mollusca See Vectors, Mollusca

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Technique, Nematoda
Donahue MJ et al
1981 J Parasitol 67 (3) June 362-367 Wa
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Technique, Nematoda
Donahue MJ et al
1981 J Parasitol 67 (4) Aug 505-510 Wa
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Brugia pahangi, Aedes aegypti infected with known numbers of microfilariae administered by blood enema technique, relationship to numbers of infective larvae recovered, effects of subsequent blood and sugar feeding on loss of infective larvae

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simple method of mounting small nematodes for en face study using scanning electron microscope

Technique, Nematoda
Lowrie RC jr; Eberhard ML
1980 J Parasitol 66 (1) Feb 169-170 Wa
new technique for immobilizing filarial larvae using dimethyl sulfoxide

Technique, Nematoda
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Alving CR et al
1980 Life Sc 26 (26) June 30 2231-2238 Wa
Leishmania donovani, hamsters, efficacy of liposome-entrapped vs. unentrapped drugs (meglumine antimoniate; WR 6026; primaquine diphosphate; tetracycline)

Technique, Treatment
Anderson N et al
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 23-51 Wa
nematodes, sheep, epidemiology, control, seasonal distribution in various rainfall zones, review: Australia

Technique, Treatment
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1980 Research Vet Sc 29 (3) Nov 333-341 Wa
nematodes, sheep, oxfendazole in controlled release intraruminal capsules, pen and field experiments, potential for prevention of helminthosis in sheep

Technique, Treatment
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1981 Tr Roy Soc Trop Med and Hyg 75 (1) 80-85 Wa
Trypanosoma dionisii as model for chemotherapeutic studies related to Chagas' disease, several agents tested for trypanosomicidal activity and cytotoxicity in infected buffalo lung cell cultures at 37°C

Technique, Treatment
Barger IA; Dash KM; Southcott WH
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 65-74 Wa
Fasciola hepatica, sheep, economic importance, occurrence, epidemiology, pathogenesis, control, review: Australia

Technique, Treatment
Barlow LA; Surgeoner GA
1980 Proc Entom Soc Ontario 110 1979 9-17 Issued Sept Wa
Haematobia irritans, cattle, efficacy of several self-applicating devices and insecticides in controlling fly populations: Guelph, Ontario

Technique, Treatment
Barnard DR et al
1981 J Econom Entom 74 (4) Aug 466-469 Wa
Amblyomma americanum, acaricide susceptibility, comparison of 5 assay techniques, baseline data

Technique, Treatment
Bekhti A et al
1980 Acta Gastroenter Belg 43 (1-2) Jan-Feb 48-65 Wm
Echinococcus granulosus, follow-up of 16 patients treated with mebendazole, evaluation by computed tomography, echotomography, and IgE levels, treatment efficacious for single and multiple cysts and for preventing secondary cysts

Technique, Treatment
Berman JD; Neva FA
1981 Am J Trop Med and Hyg 30 (2) Mar 318-321 Wa
Leishmania tropica, L. donovani, effect of temperature on multiplication of amastigotes within human monocyte-derived macrophages in vitro, implications for localization of these 2 species to cooler and warmer regions of the body respectively, may be suitable model for predicting clinical response of cutaneous strains to heat therapy

Technique, Treatment
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1980 J Infect Dis 142 (1) July 83-86 Wa
Leishmania tropica, L. donovani, in vitro infected human monocyte-derived macrophages used as model to test sensitivity to antileishmanial drugs

Technique, Treatment
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1980 J Franc Ophtal 3 (11) 653-655 Wm
Toxoplasma gondii, patients with recurrent toxoplasmic retinochoroiditis, attempted therapy with B.C.G. was not successful

Technique, Treatment
Casero RA jr et al
1980 Antimicrob Agents and Chemotherapy 18 (2) Aug 317-322 Wm
Trypanosoma rhodesiense, activity of 2-acetylpyridine thiosemicarbazones in vitro, semiautomated assay system makes rapid analysis of structure-activity relationship possible

Technique, Treatment
Chapman WL jr; Hanson WL; Hendricks LD
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 124-125 Wa
Leishmania donovani in Aotus trivirgatus (exper.), development of fulminating visceral leishmaniasis, useful non-human primate model for study of promising chemotherapeutic leads

Technique, Treatment
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1980 Ann Sclavo 22 (5) Sept-Oct 748-754 Wm
Entamoeba histolytica, rats (exper.), infection and histopathological alterations of the intestinal tract typical of amoebiasis were completely prevented in animals treated with prostaglandins

Technique, Treatment
Cicchini T et al
1980 Ann Sclavo 22 (5) Sept-Oct 755-762 Wm
Schistosoma mansoni, prostaglandin therapy, absence of direct action on parasites in vitro, treated infected rats showed no response to treatment

Technique, Treatment
Cicchini T et al
1980 Ann Sclavo 22 (5) Sept-Oct 763-775 Wm
Entamoeba histolytica, rats (exper.), evaluation of prostaglandin therapy, large single dose vs. small daily doses (better results with less side effects)

Technique, Treatment
Cohen HA; Wahaba A
1979 Acta Dermato-Venereol 59 (6) 549-552 Wm
leishmaniasis recidivens, man with chronic infection for 42 years, intralesional injections of emetine hydrochloride successfully cleared condition, case report: Israel, immigrant from Iraq

Technique, Treatment
Copeman DB
1979 Tropenmed u Parasitol 30 (4) Dec 469-474 Wa
Onchocerca gibsoni- and O. gutturosa-infected cattle evaluated as possible tertiary drug screen for predicting effect of drugs in man against O. volvulus

Technique, Treatment
Davis A; Wegner DHG
1979 Bull World Health Organ 57 (5) 767-771 Wa
human schistosomiasis, multicentre trials of praziquantel, outline of experimental design and protocol, studies carried out in Brazil, Japan, the Philippines, and Zambia

Technique, Treatment
Desjardins RE et al
1980 Exper Parasitol 50 (2) Oct 260-271 Wa
Trypanosoma rhodesiense, semiautomated microtesting for quantitation of antitrypanosomal activity of large numbers of compounds against blood forms in vitro

Technique, Treatment
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1980 Poultry Science 59 (6) June 1226-1228 Wa
Ornithonyssus sylviarum, White Leghorn chickens (exper.), effective control on hens but not roosters by clipping feathers in vent area to 2-3 mm length, effect on egg production

Technique, Treatment
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1980 J Med Entom 17 (1) Jan 31 30-34 Wa
Trombiculidae larvae, rodents, dimethoate as systemic acaricide administered in rodent bait in field situation: Peninsular Malaysia

Technique, Treatment
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1981 J Trop Med and Hyg 84 (1) Feb 27-28 Wa
Plasmodium falciparum, cultivation using a portable field incubator, facilitates assessment of susceptibility of parasite to chloroquine and other antimalarials in remote areas

Technique, Treatment
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1981 Vet Parasitol 8 (1) Feb 83-88 Wa
ivermectin, antiparasitic activity in horses, relative effort required to conduct controlled vs. critical trials, comparison of efficacy estimates obtained from the two methods

Technique, Treatment
Egerton JR; Eary CH; Suhayda D
1981 Vet Parasitol 8 (1) Feb 59-70 Wa
7 gastro-intestinal nematodes and lungworm, cattle (exper.), anthelmintic efficacy of ivermectin administered orally or parenterally against immature or mature infections, method for projecting dosage levels from data of first evaluation studies, uniformity of worm burdens and their effect upon precision of efficacy estimates and their influence upon numbers of animal required per treatment group

Technique, Treatment
Ejezie GC; Ade-Serrano MA
1981 Trop and Geogr Med 33 (2) June 181-184 Wa
Schistosoma haematobium, school children, therapeutic trials with metrifonate, minimal and transient side-effects, therapeutic results evaluated based on residual haematuria and proteinuria: Badagry, Nigeria

Technique, Treatment
Ercoli N; Minelli EB; Villarroel G
1980 Ann Trop Med and Parasitol 74 (5) Oct 485-493 Wa
Trypanosoma venezuelense (T. evansi), mice, activity of trivalent antimonials, long and short term tests

Technique, Treatment
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1981 Ann Pharm Franc 39 (1) 45-49 Wa
Cysticercus pisiformis (Taenia pisiformis), rabbits, efficacy of albendazole, possible laboratory model for testing treatment of Echinococcus granulosus

Technique, Treatment
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1981 Am J Vet Research 42 (1) Jan 25-28 Wa
Hypoderma lineatum, larval toxin in cattle (exper.), local and systemic reactions can be controlled by administration of phenylbutazone

Technique, Treatment
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1971 Rev Iber Parasitol 31 (3-4) July-Dec 259-281 Wa
Nippostrongylus brasiliensis in rats as system for determining anthelmintic activity of drugs

Technique, Treatment
Ghartey KN; Brockhurst RJ
1980 Am J Ophth Chicago 89 (6) June 858-864 Wa
Toxoplasma, patients with active, recurrent, protracted retinochoroiditis that had been unresponsive to intensive medical therapy, favorable results with photocoagulation

Technique, Treatment
Gibson TE
1980 Vet Parasitol 6 (1-3) Jan 241-254 Wa
factors influencing application of anthelmintics for control of parasites, review

Technique, Treatment
Hanson WL; Chapman WL jr; Hendricks LD
1980 J Parasitol 66 (4) Aug 700-701 Wa
Leishmania donovani in Didelphis marsupialis (exper.), possibly useful host for drug screening

Technique, Treatment
Hillyer GV; Allain D
[1980] J Parasitol 65 (6) Dec 1979 960-963 Issued Apr 2 Wa
Fasciola hepatica, rabbits, comparison of counterelectrophoresis, Ouchterlony immunodiffusion, and indirect hemagglutination for detecting infection and determining chemotherapeutic success

Technique, Treatment
Hillyer GV; Santiago de Weil N
1981 Internat J Parasitol 11 (1) Feb 71-78 Wa
Fasciola hepatica, mice, rats, rabbits, counterelectrophoresis useful for serodiagnosis and for predicting chemotherapeutic success; F. hepatica antigens cross react with antisera to S[chistosoma] mansoni adult worms or eggs

Technique, Treatment
Hoechter W et al
1980 Deutsche Med Wchnschr 105 (48) Nov 28 1685-1686 Wa
Ascaris lumbricoides, woman of Turkish origin, cholecystic complications, endoscopic transpapillary extraction of adult worm from hepatocholedochal duct: Germany

Technique, Treatment
Howells RE; Judge BM
1981 Ann Trop Med and Parasitol 75 (5) Oct 495-510 Wm
Plasmodium berghei, mice, sustained-release implants in chemotherapy, comparison of effects of some antimalarials in polydimethylsiloxane matrices

Technique, Treatment
Huff JA; Burns CD
1981 Aquaculture 22 (1-2) Jan 181-184 Wa
Cryptocaryon irritans in Lutjanus campechanus (mucus), control trials using hypersaline dips both with and without additions of quinine hydrochloride and chloroquine, and minimal handling: fish culture, St. Petersburg, Florida

Technique, Treatment
Hunt LM et al
1980 J Econom Entom 73 (1) Feb 32-34 Wa
Hypoderma lineatum, cattle, dichlorvos-impregnated strips attached to legs

Technique, Treatment
Hunt LM; Gilbert BN
1979 Southwest Entom 4 (4) Dec 269-272 Wa
Amblyomma americanum, guinea pigs (exper.), improved method of evaluating acaricides and other candidate chemicals for systemic activity against ticks, results with 5 acaricides and 5 inhibitory amines

Technique, Treatment
Ismail MM; James C; Webbe G
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 542-548 Wa
Schistosoma haematobium-infected Papio anubis (exper.), enzyme linked immunosorbent assay for detection of circulating antigen and antibody and for evaluating efficacy of schistosomicides

Technique, Treatment
Jacobs DE et al
1981 Vet Rec 108 (13) Mar 28 274-276 Wa
parasitic gastroenteritis, set-stocked calves, prophylaxis, field evaluation of intraruminal device for continuous administration of morantel tartrate: Britain

Technique, Treatment
Jacoby GA et al
1980 N England J Med 303 (19) Nov 6 1098-1100 Wa
Babesia microti, elderly man, case report, treatment of transfusion-transmitted babesiosis by exchange transfusion: Massachusetts

Technique, Treatment
Jenkins DC; Armitage R; Carrington TS
1980 Ztschr Parasitenk 63 (3) 261-269 Wa
Nippostrongylus brasiliensis, in vitro screening test for anthelmintics against parasitic fourth larval and adult stages

Technique, Treatment
Jenkins DC; Carrington TS
1981 Tropenmed u Parasitol 32 (1) Mar 31-34 Wa
Trichinella spiralis, new in vitro screening test for compounds active against parenteral stages, activity of known anthelmintics

Technique, Treatment
Jones RM
1981 Vet Parasitol 8 (3) July 237-251 Wa
field application of Morantel Sustained Release Bolus orally administered to first season grazing calves just prior to turn-out onto spring pasture, prevention of parasitic gastroenteritis, significant weight gain advantage: England

Technique, Treatment
Judge BM et al
1981 Ann Trop Med and Parasitol 75 (5) Oct 511-519 Wm
Plasmodium berghei, mice, sustained-release implants in chemotherapy, effects of sulphadiazine, pyrimethamine, and cycloguanil in biodegradable polymer matrices

Technique, Treatment
Kale OO
1981 J Helminth 55 (2) June 79-83 Wa
Onchocerca volvulus, Nigerian patients, effect of drug treatment on pattern of emergence of microfilariae from skin snips, results provide additional parameter for measuring antimicrofilarial potential of drugs in clinical chemotherapeutic trials

Technique, Treatment
Karunakaran CS
1980 J Trop Med and Hyg 83 (5) Oct 195-201 Wa
Plasmodium falciparum, P. malariae, controlled chloroquine prophylaxis trial in endemic area, drug administered at intervals longer than conventionally recommended in order that inhabitants might possibly acquire immunity by allowing a subpatent parasitemia: Zambia

Technique, Treatment
Kelly JD et al
1981 Research Vet Sc 30 (2) Mar 131-137 Wa
Trichostrongylus colubriformis, ovine isolates, use of guinea pigs to assay anthelmintic resistance

Technique, Treatment
Knapp FW; Herald F
1981 J Econom Entom 74 (3) June 295-296 Wa
Haematobia irritans, cattle, control with fenvalerate ear tags even when 1/3 of herd was not tagged

Technique, Treatment
Langham ME
1980 Lancet London (8175) 1 May 3 977-978 Wa
Onchocerca volvulus, humans, topical application of diethylcarbamazine citrate lotion to whole body results in clearance of microfilariae from skin and minimizes systemic drug absorption and side effects; local skin reactions disappear with elimination of microfilariae from skin

Technique, Treatment
Levine DM; Hillyer GV; Flores SI
1980 Am J Trop Med and Hyg 29 (4) July 602-608 Wa
Fasciola hepatica, mice and rabbits given and not given chemotherapy, diagnosis, comparison of counterelectrophoresis (CEP), enzyme-linked immunosorbent assay (ELISA), and Kato thick-smear stool examinations, ELISA was most sensitive in detecting early infection but CEP was best indicator of chemotherapeutic success

Technique, Treatment
Levy JM et al
1978 Am J Gastroenterol 70 (3) Sept 298-301 Wm
amebic liver abscess, African university student, computer tomography-guided percutaneous surgical drainage of abscess, case report: Arizona

Technique, Treatment
Litschgi MS et al
1980 Fortschr Med 98 (41) Nov 6 1624-1627 Wm
Trichomonas vaginalis, women, vaginal infections, Solcotrichovac vaccine therapy (contains inactivated Lactobacillus acidophilus)

Technique, Treatment
Long PL; Johnson J; Reyna P
1980 Avian Dis 24 (2) Apr-June 435-445 Wa
Eimeria spp., broiler chicks (nat. and exper.), use of sentinel birds to monitor potential coccidial challenge, technique may be used to monitor effectiveness of anticoccidial drugs or the immune status of chickens

Technique, Treatment
Lubenskii IuM; Liudkova VM
1980 Khirurgiia (6) June 68-71 Wm
alveococcosis, humans, inoperable hepatic forms, long-term intraportal sarcolysine infusion

Technique, Treatment
Lukacs J; et al
1980 J Parasitol 66 (3) June 424-427 Wa
Schistosoma mansoni, development of cell-free protein-synthesizing system, comparison of effects of hycanthone and praziquantel on this system, may be valuable asset in testing new anthelmintics

Technique, Treatment
McHardy N; Hudson AT; Rae DG
1980 Trop Dis Research Ser (3) 149-152 Wm
Theileria parva , activity of menoctone and other 2-cycloalky-3-hydroxy-1,4-naphthoquinones, correlation of results in culture and in cattle, workshop presentation

Technique, Treatment
Mackenzie SL
1980 Vet Rec 106 (14) Apr 5 309-310 Wa
warble flies, cattle, phosmet, fenthion, method for enhancing efficacy of spring treatment, autumn treatment should continue to be encouraged as primary measure

Technique, Treatment
McMahon JE
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 597-598 Wa
schistosomiasis drug trials must consider effect of level of transmission at time of trial and importance of control group when evaluating results of long term follow-up examinations, examples given involving trials of praziquantel and hycanthone against Schistosoma haematobium

Technique, Treatment
McMahon JE et al
1979 Bull World Health Organ 57 (5) 759-765 Wa
Wuchereria bancrofti, population in Tanzania Filariasis Project, provocative day test with diethylcarbamazine to detect microfilariae of nocturnally periodic blood parasites, procedure for statistical corrections, applications for assessing response to mass chemotherapy

Technique, Treatment
de Mello RT; Pereira LH; Pellegrino J
1979 Rev Inst Med Trop S Paulo 21 (1) Jan-Feb 1-4 Wm
Schistosoma mansoni-infected Cebus monkeys used to test experimental therapeutics, circumoval precipitin test used to assess cure rate of experimental compounds

Technique, Treatment
Munir M et al
1980 Paediat Indonesiana 20 (1-2) Jan-Feb 47-50 Wm
cerebral malaria, children, heparin given in conjunction with antimalarials, mortality rate reduced significantly and general condition improved

Technique, Treatment
Nabih I
1981 Cellular and Molec Biol 27 (2-3) 279-282 Wa
Schistosoma mansoni, extract from chemically pretreated Biomphalaria snails protected mice from infection and caused destruction of infection in mice already infected

Technique, Treatment
Nakata H; Takeda K; Nakayama T
1980 Radiology 135 (1) Apr 49-53 Wm
Anisakis larva, woman, case report, radiological diagnosis of acute gastric anisakiasis, clinical features, removal of larva by endoscopy

Technique, Treatment
Nakhla NB et al
1981 J Trop Med and Hyg 84 (3) June 121-124 Wa
E[chinococcus] granulosus, human hepatic infections, use of ultrasonography for diagnosis, to monitor response to treatment, and for follow-up of treatment, case report

Technique, Treatment
New RRC; Chance ML
1980 Acta Trop 37 (3) Sept 253-256 Wa
Leishmania major, mice, treatment of cutaneous leishmaniasis with liposome-entrapped pentostam

Technique, Treatment
New RRC; Chance ML; Heath S
1981 J Antimicrob Chemother 8 (5) Nov 371-381 Wa
visceral leishmaniasis, mice, antileishmanial activity of amphotericin B, griseofulvin, 5-fluorocytosine, and pentamidine entrapped in liposomes

Technique, Treatment
New RRC; Chance ML; Heath S
1981 Parasitology 83 (3) Dec 519-527 Wa
Leishmania major, L. mexicana amazonensis, mice, treatment of cutaneous leishmaniasis with liposome-entrapped pentostam

Technique, Treatment
Olanoff LS; Mahmoud AAF; Anderson JM
1980 Am J Trop Med and Hyg 29 (1) Jan 71-73 Wa
Schistosoma mansoni, mice, sustained release of niridazole using silicone rubber implants reduced mortality and worm burden

Technique, Treatment
Ottolenghi A; Larsh JE jr; Weatherly NF
1980 Am J Trop Med and Hyg 29 (3) May 393-400 Wa
Trichinella spiralis-, Hymenolepis nana-, or Schistosoma mansoni-infected mice, phospholipase B levels in fecal pellets, rise, time course, and decline correlate with known patterns of intestinal injury and reaction due to parasites or their eggs, drug treatment prevents rise or causes decline in levels, simple method for following course of infection and its response to treatment

Technique, Treatment
Panitz E; Shum KL
1981 J Parasitol 67 (1) Feb 135-136 Wa
Trichostrongylus axei or T. colubriformis infections in Meriones unguiculatus as anthelmintic screening model, efficacy of fenbendazole, cambendazole, levamisole, and morantel

Technique, Treatment
Peters W; Trotter ER; Robinson BL
1980 Ann Trop Med and Parasitol 74 (3) June 289-298 Wa
Leishmania infantum LV9 in NMRI mice as practical and economic model for drug screening, activity in this model of variety of compounds, comparison with earlier results in tissue culture system and with hamster models

Technique, Treatment
Peters W; Trotter ER; Robinson BL
1980 Ann Trop Med and Parasitol 74 (3) June 321-335 Wa
Leishmania major LV39 and L. mexicana amazonensis LV78 in TFW mice, activity of various compounds in these models, comparison with earlier results in tissue culture system and with L. infantum, analysis of mode of action of most active compounds, recommendation that certain compounds should be pursued in clinical trials

Technique, Treatment
Pieron R et al
1981 Nouv Presse Med 10 (6) Feb 14 430-431 Wm
S[chistosoma] haematobium, humans, therapeutic results of niridazole or oltipraz monitored by means of rectal biopsies

Technique, Treatment
Pirson P et al
1980 Ann Trop Med and Parasitol 74 (4) Aug 383-391 Wa
Plasmodium berghei, mice, 100% curative (causal prophylactic) doses of primaquine diphosphate entrapped in liposomes can be administered in single intravenous injection due to significant reduction in toxicity

Technique, Treatment
Puri SK; Dutta GP
1979 Indian J Med Research 70 Suppl Dec 79-84 Wa
Plasmodium berghei, development of primaquine resistant strain for screening potential antimalarial compounds

Technique, Treatment
Raizman RE; de Rezende JM; Neva FA
1980 Am J Gastroenterol 74 (5) Nov 405-409 Wm
T[rypanosoma] cruzi, humans with Chagas' megaesophagus, clinical trial with pre- and posttreatment manometry comparing pneumatic dilation with bouginage

Technique, Treatment
Reinecke RK
1980 Vet Parasitol 6 (1-3) Jan 255-292 Wa
chemotherapy in control of helminthosis of sheep and cattle, extensive review with emphasis on research in South Africa, Australia, and New Zealand on anthelmintic tests, epizootiology, and integrated control

Technique, Treatment
Rieckmann KH
1980 Trop Dis Research Ser (3) 35-50 Wm
Plasmodium falciparum, use of cultured parasites to assess drug resistance/susceptibility and screen antimalarial drugs, workshop presentation

Technique, Treatment
Roberts RH; Zimmerman JH; Mount GA
1980 J Econom Entom 73 (4) Aug 506-509 Wa
Amblyomma americanum, laboratory and field evaluations of permethrin, NRDC 161, carbaryl, diazinon, and chlorpyrifos; method for laboratory testing of potential acaricides described: North Carolina; Florida; Oklahoma

Technique, Treatment
Ryley JF
1980 Advances Pharmacol and Chemotherapy 17 1-23 Wa
Eimeria spp, screening procedures and evaluation of anticoccidial activity, review

Technique, Treatment
Saenger I; Laemmler G; Kimmig P
1981 Acta Trop 38 (3) Sept 277-288 Wa
Litomosoides carinii, Dipetalonema viteae, Brugia malayi, B. pahangi, infections in Mastomys natalensis as experimental model system, could be suitable for chemotherapeutic trials of filaricides

Technique, Treatment
Sanderson CJ; Thomas JA; Twomey CE
1980 Parasitology 80 (1) Feb 153-162 Wa
Trypanosoma cruzi, growth in human diploid cell lines for production of trypomastigotes, labelled trypomastigotes obtained by incorporating [^{3}H]uridine in culture medium, release of label provides assay for parasite death, applications of this assay for testing drug toxicity and in immunological lysis

Technique, Treatment
Santos R et al
1979 Ophthalmology 86 (8) Aug 1501-1507 Wm
Cysticercus cellulosae, humans, eye, surgical therapy, photocoagulation therapy

Technique, Treatment
Schmidt CD; Kunz SE
1980 J Econom Entom 73 (5) Oct 702-703 Wa
susceptibility of immature laboratory-reared Stomoxys calcitrans and Haematobia irritans to insecticides in the larval medium

Technique, Treatment
Schofield P; Howells RE; Peters W
1981 Ann Trop Med and Parasitol 75 (5) Oct 521-531 Wm
Plasmodium yoelii yoelii, mice, technique for selection of long-acting antimalarial compounds

Technique, Treatment
Schulz-Key H; Jean B; Albiez EJ
1980 Tropenmed u Parasitol 31 (1) Mar 34-40 Wa
Onchocerca volvulus, females, observations on normal development, pathologically altered development, and reproduction, implications for drug trial evaluations

Technique, Treatment
Shapiro A et al
1980 Trop Dis Research Ser (3) 401-415 Wm
Crithidia fasciculata culture media as guide to antitrypanosomatid chemotherapy aimed at porphyrin and transitional-metal metabolism, workshop presentation

Technique, Treatment
Shapiro A et al
1981 J Protozool 28 (3) Aug 370-377 Wa
Crithidia fasciculata used in rapid in vitro prescreen for chelators as potential trypanocides

Technique, Treatment
Skromne-Kadlubik G et al
1980 Bol Med Hosp Inf Mexico 37 (3) May-June 409-412 Wm
Toxoplasma gondii, rats (exper.), diagnosis using indium-113 labelled antibodies; using antibodies labelled with iodine-131 these parasites were destroyed by radiolysis

Technique, Treatment
Skromne-Kadlubik G et al
1980 Bol Med Hosp Inf Mexico 37 (3) May-June 413-416 Wm
trichinosis, rats (exper.), diagnosis using labelled antibodies; using a lethal dose of labelled antibodies these trichina larvae were radiolysed without damage to host

Technique, Treatment
Skromne-Kadlubik G; Celis C
1981 Arch Neurol 38 (5) May 288 Wm
cysticercosis, human nervous system, diagnostic evaluation by scanning with anti-Cysticercus antibodies labelled with indium 113, these antibodies labelled with iodine 131 used for radioimmunotherapy with good results

Technique, Treatment
Staak C; Kelley S
1979 Tropenmed u Parasitol 30 (3) Sept 283-286 Wa
Trypanosoma-infected cattle under controlled drug regimes, complement fixation test assessment showed that therapy was insufficiently effective: Kenya

Technique, Treatment
Staples DC; Dale JA
1980 Gastrointest Endoscopy 26 (1) Feb 21-22
amebic liver abscess, 19-year-old man after visit to Mexico, aspiration of abscess using peritoneoscopic techniques to guide placement of needle in abscess cavity: California

Technique, Treatment
Steck EA
1981 J Protozool 28 (1) Feb 30-35 Issued June 18 Wa
chemotherapy of protozoal infections, assessment of present state of art, suggestions as to improved results in future with emphasis on targeted chemotherapy with liposomes, symposium presentation

Technique, Treatment
Steiger RF; et al
1980 J Parasitol 66 (2) Apr 352-353 Wa
Plasmodium berghei, mice, therapeutic activity of DAPI free and entrapped within liposomes

Technique, Treatment
Stendel W
1980 J South African Vet Ass 51 (3) Sept 147-152 Wa
acaricides, comparison of in vitro and in vivo test methods for estimating drug activity

Technique, Treatment
Taylor HR et al
1980 Tropenmed u Parasitol 31 (3) Sept 357-364 Wa
O[nchocerca] volvulus, human, transepidermally-applied diethylcarbamazine lotion may reduce microfilarial counts in skin as compared to placebo lotion but significant side-effects occurred in at least 1/3 of patients: Guatema-

Technique, Treatment
Taylor HR; Greene BM; Langham ME
1980 Lancet London (8175) 1 May 3 943-946 Wa
Onchocerca volvulus, males with moderate infections, oral and topical diethylcarbamazine, controlled clinical trials comparing drug efficacy and safety: Harbel, Liberia

Technique, Treatment
Trotter ER; Peters W; Robinson BL
1980 Ann Trop Med and Parasitol 74 (2) Apr 127-138 Wa
'Leishmania infantum LV9' or L. donovani sensu lato, course of infection in different mouse strains, importance of inoculum size, 2 methods for investigating action of drugs, action of some standard antileishmanial drugs, potential as model for visceral infection

Technique, Treatment
Trotter ER; Peters W; Robinson BL
1980 Ann Trop Med and Parasitol 74 (3) June 299-319 Wa
Leishmania major LV39 and L. mexicana amazonensis LV78 in random-bred TFW albino mice as convenient and economical models for drug screening, activity of several compounds in these models, comparison with earlier results with L. infantum; failure to produce consistent infections in mice with other lines of L. mexicana group or L. braziliensis guyanensis; small study of drug effects on L. braziliensis guyanensis in hamsters

Technique, Treatment
Trouet A
1980 Bull et Mem Acad Roy Med Belg 135 (4) Apr 26 261-272 Wm
antiprotozoal and antitumoral agents, enhancement of selectivity by linkage to lysosomotropic carriers (DNA, liposomes, proteins and polypeptides), review of results and potential

Technique, Treatment
Trouet A et al
1981 Bull World Health Organ 59 (3) 449-458 Wa
Plasmodium berghei, rats, primaquine entrapped in liposomes used as drug carriers, therapeutic activity, decreased toxicity allowed administration of high doses

Technique, Treatment
Walton BC
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 747-752 Wa
American cutaneous/mucocutaneous leishmaniasis, human, evaluation of effectiveness of chemotherapy by indirect fluorescent antibody test using Leishmania braziliensis panamensis as antigen

Technique, Treatment
Weldon JS
1979 Proc 37 Ann Meet Electron Microsc Soc America (San Antonio Texas Aug 13-17) 316-317 Wa
Leishmania donovani-infected hamsters, pathway of liposomal drug delivery in Kupffer cells

Technique, Treatment
Williamson J et al
1981 Nature London (5822) 292 July 30-Aug 5 466-467 Wa
Trypanosoma rhodesiense, in vitro trypanocidal activity of daunorubicin and related compounds, daunorubicin can be conjugated to macromolecular carriers to give soluble complexes which retain trypanocidal activity in vivo (mice)

Technique, Treatment
Wolf H et al
1980 Tropenmed u Parasitol 31 (2) June 143-148 Wa
Onchocerca volvulus, humans in hyperendemic focus (untreated and treated with suramin or metrifonate), isolation of adult worms using enzyme digestion method, examination of worms for evaluation of drug efficacy: Liberia

Technique, Treatment
Xi Y et al
1979 Yao Hsueh Hsueh Pao (Acta Pharm Sinica) 14 (8) Aug 455-460 Wm
drug screening for human filariasis therapy using Sigmodon hispidus infected with Litomosoides carinii as model

Technique, Treatment
Yisunsri L; Rieckmann K
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 809-810 Wa
Plasmodium falciparum, in vitro microtechnique for determining drug susceptibility of cultured parasites

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Tegument [See also Cuticle; Integument; Membranes; Parasite surfaces]

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1981 Am J Path 102 (1) Jan 121-126 Wa
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1981 Exper Parasitol 51 (3) June 444-456 Wa
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Temperature [See also Climate and weather; Freezing; Overwintering]

Temperature
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1981 Am J Trop Med and Hyg 30 (2) Mar 318-321 Wa
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Temperature
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1981 Parasitology 83 (1) Aug 13-22 Wa
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Temperature
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Temperature
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1980 J Helminth 54 (2) June 135-146 Wa
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Temperature
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1981 Austral J Zool 29 (1) 7-14 Wa
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Temperature
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1980 Austral J Zool 28 (4) Aug 547-552 Wa
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Temperature
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Temperature
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1980 Applied and Environment Microbiol 39 (4) Apr 681-685 Wa
Acanthamoeba, 36 strains belonging to 19 different species, Comandonia operculata, one strain, comparison of temperature tolerance, ability to grow in axenic medium, cytopathic effect in cell culture, and virulence in mice, attempt to provide methods for specific isolation and identification of pathogenic strains

Temperature
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1981 J Protozool 28 (1) Feb 56-59 Issued June 18 Wa
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Temperature
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Temperature
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1981 Research Vet Sc 30 (1) Jan 62-65 Wa
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Temperature
Fagundes LJM; et al
1980 J Protozool 27 (2) May 238-241 Issued July 17 Wa
Herpetomonas samuelpessoai, synthesis of sterols, influence of growth medium and temperature

Temperature
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Temperature
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1981 Vet Parasitol 9 (1) Oct 75-86 Wa
Ixodes ricinus, models based on weather for predicting tick development times

Temperature
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1979 J Med Entom 16 (4) Nov 7 275-285 Wa
Argas cooleyi and Ornithodoros concanensis nymphs (hydrated, dehydrated, or engorged) in temperature gradient apparatus, exokinetic responses to various environmental temperatures, minimal and maximal lethal temperatures, activity index

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Gillett JD
1974 Symposia Brit Soc Parasitol 12 79-95 Wa
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Temperature
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1980 Exper Parasitol 49 (3) June 328-338 Wa
Entamoeba histolytica, E. invadens, effects of temperature and oxygen tension on growth and survival in vitro

Temperature
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1979 J Med Entom 16 (2) Sept 28 95-103 Wa
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Temperature
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1980 J Invert Path 36 (2) Sept 235-239 Wa
Hymenolepis diminuta in Tenebrio molitor (exper.), effects of parasite density and temperature on water balance of beetles, subsequent infectivity of recovered cysticercoids to rats

Temperature
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1979 Rev Inst Med Trop S Paulo 21 (4) July-Aug 166-171 Wm
Trypanosoma cruzi-infected mice maintained at 36°C, antibody response, serum from these mice protected recipient mice against lethal infection

Temperature
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1980 Proc Helminth Soc Washington 47 (1) Jan 129-134 Issued Feb 15 Wa
Naegleria fowleri, virulence for mice, effect of incubation temperature, growth phase, strain of parasite, and length of time in axenic culture

Temperature
Haq N; Reisen WK; Aslamkhan M
1981 J Invert Path 37 (3) May 236-242 Wa
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Temperature
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1981 Berl u Munchen Tierarztl Wchnschr 94 (1) Jan 1 1-5 Wa
strongyles, horses, effect of various temperatures on development of exogenous stages under laboratory conditions and occurring naturally on pasture

Temperature
Heath ACG
1981 Internat J Parasitol 11 (2) Apr 169-175 Wa
Haemaphysalis longicornis, Ixodes holocyclus, Rhipicephalus sanguineus, engorged larvae, effect of temperature and humidity on survival, molting, and rate of development, temperature and humidity preferences reflected climate within geographic ranges of tick species

Temperature
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1980 Berl u Munchen Tierarztl Wchnschr 93 (14) July 15 267-270 Wa
Sarcocystis bovicanis sporocysts, effect of various physical factors on excystation and viability of excysted sporozoites in vitro, subsequent infectivity to calves

Temperature
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Temperature
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Temperature
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1980 Physiol Entom 5 (3) Sept 235-242 Wa
Gasterophilus intestinalis, regulation of body temperature by endothermy with associated sound production

Temperature
Hussein HS
1980 Ann Trop Med and Parasitol 74 (5) Oct 531-539 Wa
Ixodes trianguliceps on small mammals, seasonal variations in infestation rate related to temperature, infestation rate on male, female, and juvenile hosts, natural and experimental transmission of Babesia microti, I. canisuga experimentally transmitted B. microti but less efficiently: north-western England

Temperature
Jarroll EL; Bingham AK; Meyer EA
1981 Applied and Environment Microbiol 41 (2) Feb 483-487 Wa
Giardia lamblia, effect of chlorine on cyst viability under variety of conditions of temperature, pH, chlorine-cyst contact time, and chlorine concentration, epidemiological implications

Temperature
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1980 Bull Inst Maritime and Trop Med Gdynia 31 (3-4) 239-249 Wm
Giardia spp., survival of cysts in feces and in water, at various temperatures and when exposed to air drying, resistance to various chemicals and disinfectants, performance compared with that of free-living Acanthamoeba sp., applications to control waterborne infections

Temperature
Keshavarz-Valian H; Nollen PM
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Philophthalmus gralli miracidia, responses to gravity and light, effects of aging and temperature on these responses

Temperature
Kimura S; Shimizu A; Kawano J
1980 J Parasitol 66 (4) Aug 699-700 Wa
Fasciola gigantica, extermination of metacercariae sticking to grasses by exposure to temperature of 200 C and 12% relative humidity, conjectured that infection cannot be induced by feeding cattle dried metacercariae sticking to rice plants

Temperature
Kobiler D; Mirelman D
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Temperature
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Temperature
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Temperature
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Temperature
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Thymus
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Toxicity [See also Pharmacology]

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Toxicity
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Toxicity
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Toxicity
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Toxicity
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Toxicity
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Toxicity
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Toxicity
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Toxicity
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Toxicity
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Toxicity
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toxicity of monensin, pancoxin plus, and nicarbazin in chickens

Toxicity
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Toxicity
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1979 Arch Med Ouest 11 (1) Jan 25-29 Wm
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Toxicity
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Toxicity
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1978 J Wildlife Dis 14 (1) Jan 110-115 Wa
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Toxicity
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Toxicity
Chalmers GA
1981 Canad Vet J 22 (1) Jan 21-22 Wa
monensin toxicity, broiler chickens, importance of proper monensin analysis of feed: Canada

Toxicity
Chaudhuri P; Drogendijk AC
1980 European J Obst Gynec and Reprod Biol 10 (5) June 325-328 Wm
Trichomonas vaginalis, women with proven vaginal infection and their sexual partners, double-blind controlled clinical trial of carnidazole and tinidazole, side-effects of carnidazole were higher but were mild and well-tolerated

Toxicity
Chlebowsky HO; Zielke E
1980 Tropenmed u Parasitol 31 (3) Sept 339-344 Wa
Wuchereria bancrofti, Onchocerca volvulus, human, single or mixed infections, host age and sex, side effects observed during diethylcarbamazine treatment campaign: Liberia

Toxicity
Chovet M et al
1979 Rev Internat Trachome et Path Ocul Trop et Subtrop 56 (3-4) 91-98 Wm
malaria, 65-year-old man, long-term prophylactic therapy with chloroquine or hydroxychloroquine, toxic retinopathy, slow incomplete regression when treatment was discontinued

Toxicity
Cicchini T et al
1980 Ann Sclavo 22 (5) Sept-Oct 763-775 Wm
Entamoeba histolytica, rats (exper.), evaluation of prostaglandin therapy, large single dose vs. small daily doses (better results with less side effects)

Toxicity
Clark AJL et al
1980 Lancet London (8176) 1 May 10 1030 Wa
co-trimoxazole, severe serum sickness-like reaction, man, graded doses of trimethoprim given alone did not produce untoward reaction

Toxicity
Clyde DF
1981 Bull World Health Organ 59 (3) 391-395 Wa
Plasmodium spp., humans, clinical problems associated with the use of primaquine as a tissue schizontocidal and gametocytocidal drug, review

Toxicity
Coles GC et al
1980 Research Vet Sc 28 (2) Mar 263 Wa
Fasciola hepatica, 3-tert butyl 4'5 dicyano 6 methyl 2' bromo salicylanilide effective in vitro and in rats and sheep; paralysis in sheep at higher doses

Toxicity
Contreras JA et al
1979 Vet Med Rev (2) 126-128 Wa
Fasciola hepatica, cattle, fasciolicidal activity of injectable niclofolan, no toxic side effects

Toxicity
Couvreur J; Nottin N; Desmonts G
1980 Ann Pediat Paris 27 (10) Dec 647-652 Wm
toxoplasmosis, treatment of human congenital infections, spiramycin vs. combined pyrimethamine-sulfadiazine, folinic acid given to prevent toxic reactions from drugs

Toxicity
Crissman JW
1980 J Am Vet Med Ass 177 (4) Aug 15 312-313 Wa
lindane, fatal intoxication in man

Toxicity
Curiel M
1979 Arch Venez Puericult y Pediat 42 (3) July-Sept 275-283 Wm
Schistosoma mansoni, children, clinical trials testing efficacy and possible toxicity of oxamniquine: Manuare, Estado Carabobo

Toxicity
Czarnecki CM; Grahn DA
1980 Avian Dis 24 (4) Oct-Dec 955-970 Wa
furazolidone-induced cardiomyopathy in turkey poults, morphometric study of myocardial mitochondria and myofibrils

Toxicity
Davidson DE et al
1981 Bull World Health Organ 59 (3) 463-479 Wa
Plasmodium spp., tissue schizontocidal drugs (10 distinct chemical groups) tested for efficacy and toxicity in laboratory animals; WR 225448 more active than primaquine in curing persistent exoerythrocytic infections in rhesus monkeys, also effective in other models

Toxicity
Davis A; Biles JE; Ulrich AM
1979 Bull World Health Organ 57 (5) 773-779 Wa
Schistosoma haematobium, humans, praziquantel, clinical trials testing efficacy, tolerance, and possible toxic reactions: Zambia

Toxicity
Delatour P; Burgat-Sacaze V
1981 Rec Med Vet 157 (2) Feb 213-218 Wa
albendazole, fenbendazole, toxicological assessment of residues

Toxicity
Deron Z; Jablowski M
1980 Polski Tygod Lekar 35 (23) June 9 857-859 Wm
toxoplasmosis, patients, side effects of therapy with pyrimethamine or biseptol 480, recommends hospitalization during treatment

Toxicity
DeVaney JA; Ivie GW
1980 Poultry Science 59 (6) June 1208-1210 Wa
Ornithonyssus sylviarum, Hy-Line pullets (exper.), orally administered coumaphos, famphur, crufomate, ronnel, and phosmet, no systemic activity, some hens were poisoned

Toxicity
Dmitriev AI; Ivaniushin BI; Ivanov LV
1974 Veterinariia Moskva (2) Feb 105-106 Wa
Demodex bovis, cattle, chlorophos, hypodermin-chlorophos, toxicity

Toxicity
Drake JN
1981 Vet Rec 108 (10) Mar 7 219-220 Wa
risk of toxic reaction when monensin and tiamulin are given concurrently to pigs

Toxicity
Drummond GS; Kappas A
1981 J Exper Med 153 (2) Feb 1 245-256 Wa
antimony-containing parasiticidal agents, potent heme-degrading action, possible relation to toxic and parasiticidal action of these agents

Toxicity
Ejezie GC; Ade-Serrano MA
1981 Trop and Geogr Med 33 (2) June 181-184 Wa
Schistosoma haematobium, school children, therapeutic trials with metrifonate, minimal and transient side-effects, therapeutic results evaluated based on residual haematuria and proteinuria: Badagry, Nigeria

Toxicity
Ekanem OJ; Bonmarchand M
1980 Acta Trop 37 (3) Sept 249-252 Wa
chloroquine vs. fansidar, clinical and haematological tolerance in adults and children, natives and expatriates: Nigeria

Toxicity
El-Gendi AYI
1979 Vet Med J Giza 25 (25) 1977 301-309 Issued Jan 14 Wa
in vitro study of 5 anthelmintics, motility of uterus of pregnant and non pregnant ewes

Toxicity
Elliott DC; Julian AF
1981 N Zealand Vet J 29 (5) May 68-69 Wa
Ostertagia (predominantly O. ostertagi) spp., cattle, ivermectin, effectiveness against adults, inhibited early 4th stage, and later 4th stage larvae, some observations on other nematode species and on tissue pathology at injection sites

Toxicity
El-Toukhy MA et al
1980 Biochem Pharmacol 29 (18) Sept 15 2513-2515 Wm
Schistosoma mansoni-infected and normal mice, effect of oxamniquine therapy on kynurenine metabolism in liver homogenates

Toxicity
El-Zoghby SM et al
1980 Biochem Pharmacol 29 (3) Feb 1 429-431 Wm
Schistosoma mansoni, mice, effect of oxamniquine on liver, spleen, kidney, and bladder B-glucuronidase activity

Toxicity
Fabio PF et al
1980 J Med Chem 23 (2) Feb 201-206 Wa
Entamoeba histolytica, rats (cecal form), hamsters (hepatic form), amidines and sulfonamides of 5- and 6-amino-2,3-bis(4-alkyl-1-piperazinyl)quinoxalines, active compounds too toxic

Toxicity
Fairlamb AH; Bowman IBR
1980 Molec and Biochem Parasitol 1 (6) Oct 307-313 Wa
improved method for estimation of suramin in plasma and trypanosome samples, could be useful in monitoring drug concentrations in humans undergoing treatment for African sleeping sickness or onchocerciasis to avoid toxic side effects due to overdosage

Toxicity
Farley DG; Heckmann R
1980 J Fish Dis 3 (3) May 203-212 Wa
Ichthyophthirius multifiliis in Ictalurus punctatus, Carassius auratus, and Gambusia affinis, control by chemotherapy and electrotherapy, toxicity

Toxicity
Fatzer R; Haeni H; Scholl E
1981 Schweiz Arch Tierh 123 (1) Jan 29-36 Wa
mange, pig herd (including pregnant sows), neguvon treatment resulted in congenital tremors and cerebellar hypoplasia as well as a high mortality rate in newborn piglets

Toxicity
Felton CL et al
1981 Vet Record 108 (20) May 16 440 Wa
bird poisoning following famphur treatment of cattle against warble fly

Toxicity
Fink AI; MacKay CJ; Cutler SS
1979 Ophthalmology 86 (10) Oct 1892-1896 Wm
sicca complex and cholangiostatic jaundice in 2 family members being treated for pinworms with thiabendazole

Toxicity
Fletcher KA et al
1981 Bull World Health Organ 59 (3) 407-412 Wa
primaquine, studies on pharmacokinetics (sensitive and specific assay for evidence of drug in plasma and urine, effects of single and multiple oral doses, variations between Caucasians and Thai subjects and persons with G6PD deficiency, effects on methaemoglobin levels)

Toxicity
Fonze V; Lambotte R
1979 Rev Med Leige 34 (19) Oct 1 811-815 Wm
Trichomonas, women, vaginal infections, clinical trials with carnidazole, some gastrointestinal side effects

Toxicity
Francioli PB et al
1981 Ann Int Med 94 (3) Mar 326-330 Wa
Babesia microti, 3 human cases, pentamidine useful in controlling clinical manifestations of babesiosis and in decreasing parasitemia but it does not eradicate the parasite; pain at drug injection site is major side effect

Toxicity
Galland MC et al
1980 Therapie 35 (3) May-June 443-446 Wm
echinococcosis, humans, chemically-induced shock resulted from use of formaldehyde solution during surgical removal of cysts, 7 case reports: France

Toxicity
Georgi JR et al
1980 Cornell Vet 70 (2) Apr 147-152 Wa
Strongylus vulgaris, ponies (nat. and exper.), albendazole, larvicidal activity, resolution of verminous arterial lesions, and toxicity as influenced by dosage; non-parametric analysis applied to radiographic, pathologic and parasitologic observations and data

Toxicity
Gerwel M
1980 Polski Tygod Lekar 35 (35) Sept 1 1351-1352 Wm
Plasmodium, male missionary, case report, acute intermittent porphyria manifested while receiving chloroquine therapy: Tanzania

Toxicity
Ghaleb HA et al
1979 J Egypt Med Ass 62 (1-2) 1-29 Wm
Schistosoma mansoni-infected mice, screening of 3 synthetic organic trivalent antimonials for potential efficacy or toxicity, comparison with tarter emetic

Toxicity
Ghaleb HA et al
1979 J Egypt Med Ass 62 (1-2) 31-43 Wm
Schistosoma mansoni-infected mice, 2 naphthalein antimonial compounds tested for efficacy and toxicity, comparisons with tartar emetic

Toxicity
Ghaleb HA et al
1979 J Egypt Med Ass 62 (1-2) 45-62 Wm
schistosomiasis, mice, acute toxicity studies on some new organic trivalent antimonials

Toxicity
Ghezzo F et al
1977 Parassitologia 19 (3) Dec 213-218 Wa
interaction of antiparasitics, risk of damage, evaluation, review

Toxicity
Giboda M et al
1979 Bratisl Lekar Listy 72 (4) Oct 489-492 Wm
Giardia lamblia, children, single dose tinidazole, clinical trials, mild side effects but no severe toxic reactions

Toxicity
Gigase PL; Mortelmans J; Van Marck EAE
1979 Ann Soc Belge Med Trop 59 (4) Dec 431-434 Wa
Schistosoma mansoni, man treated with hycanthone, fatal hepatic necrosis, case review: Zaire

Toxicity
Gingerich DA; Mia AS
1981 Am J Vet Research 42 (9) Sept 1645-1650 Wa
mebendazole + trichlorfon, horses, clinical toxicosis and erythrocyte cholinesterase inhibition of various dosages

Toxicity
Go ML; Ngiam TL; Wan ASC
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 37-41 Wa
human malaria, anti-acetylcholinesterase activity of amodiaquine and related compounds, possibly related to gastrointestinal and central nervous system disturbances encountered during treatment with large doses of amodiaquine

Toxicity
Goldman P
1980 Johns Hopkins Med J 147 (1) July 1-9 Wa
metronidazole, brief history of clinical use, benefits and risks, mode of action, dosage recommendations for trichomoniasis therapy

Toxicity
Goldsmid JM
1980 South African Med J 57 (2) Jan 12 37 Wm
Toxoplasma, because of dangers of antibiotic-induced colitis of the pseudomembranous type, clindamycin should not be used to treat most cases of toxoplasmosis

Toxicity
Good AL; Czarnecki CM
1980 Avian Dis 24 (4) Oct-Dec 980-988 Wa
production of cardiomyopathy in turkey poults by oral administration of furazolidone

Toxicity
Grenan M; Tsutsui M; Wysor M
1980 Research Commun Chem Path and Pharmacol 30 (2) Nov 317-327 Wm
trypanosomiasis, humans, therapy with natural and synthetic porphyrins, grounds for supposition that the antitrypanosomal activity and phototoxic properties of these porphyrins may be due to similar mechanisms

Toxicity
Grewal RS
1981 Bull World Health Organ 59 (3) 397-406 Wa
Plasmodium spp., human and animal, activity of various 8-aminoquinolines against all stages of parasite, possible modes of action, toxic effects, and possible causal mechanisms, review

Toxicity
Guerra MFV et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 335-337 Wa
cutaneous and mucocutaneous leishmaniasis, human, trials with nifurtimox, both treatment schemes tested were impractical, possibility of serious side effects: Brazil

Toxicity
Guerre J; Gaudric M; Tual JL
1979 Nouv Presse Med 8 (9) Feb 24 699 Wm
Giardia, ankylostomes, 21-year-old woman being treated with metronidazole, early neutropenia

Toxicity
Gupta DK; Sharma LK
1980 Indian Pediat 17 (3) Mar 309-310 Wm
P[lasmodium] vivax, infants, chloroquine, acute toxic reactions (convulsions, respiratory arrest): India

Toxicity
Gylstorff I
1978 Ruckstande Geflugel u Eiern Ber Kolloq (Bonn-Bad Godesberg May 28 1975) 20-85 Wa
helminths, poultry, residues in tissues and eggs following treatment with coccidiostats and anthelmintics, toxicity

Toxicity
Haberkorn A; Kraft HP; Blaschke G
1979 Tropenmed u Parasitol 30 (3) Sept 308-312 Wa
Plasmodium berghei, mice, efficacy and toxicity of optically pure d- vs. l-chloroquine diphosphate

Toxicity
Hahon N; Ong TM
1980 J Toxicol and Environment Health 6 (4) July 705-712 Wa
hycanthone and its analog IA-4 N-oxide, action on viral interferon induction, possible association between mutagenicity of antischistosomal drugs and their ability to affect interferon synthesis

Toxicity
Hanrahan LA; Corrier DE; Naqi SA
1981 Vet Path 18 (5) Sept 665-671 Wa
monensin toxicosis in broiler chickens

Toxicity
Hanson J; Howell J
1981 Canad Vet J 22 (1) Jan 18-19 Wa
possible fenthion toxicity in Pica pica, dead or sick birds found near cattle in Alberta feedlots

Toxicity
Hanson LJ; Eisenbeis HG; Givens SV
1981 Am J Vet Research 42 (3) Mar 456-461 Wa
toxic effects of lasalocid in horses, comparison with monensin

Toxicity
Hart RJ; et al
1979 Austral Vet J 55 (12) Dec 575-579 Wa
cattle lice, efficiency and safety of methidathion applied as a pour-on, comparison with fenthion, famphur, and chlorpyrifos

Toxicity
Hashash M; Serafy A; State F
1981 J Laryngol 95 (5) May 455-459 Wm
antibilharzial antimonial drugs (stibophen and bilharcid) tested in guinea pigs induced histopathological cochlear changes when the normal therapeutic dosage was exceeded

Toxicity
Heydorn AO; Haralambidis S; Matuschka FR
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 229-234 Wa
Sarcocystis spp., goats, sheep (both exper.), testing of 8 drugs for prophylactic and therapeutic effects, exact doses are necessary for halofuginon because of its inherent toxicity

Toxicity
Homeida AM et al
1980 Brit J Exper Path 61 (4) Aug 380-389 Wa
Trypanosoma evansi, mice, efficacy and toxicity of samorin

Toxicity
Homeida AM et al
1981 J Comp Path 91 (3) July 355-360 Wa
diminazene aceturate, toxicity to Camelus dromedarius

Toxicity
Hoover DM; Carlton WW; Henrikson CK
1981 Food and Cosmetics Toxicol 19 (2) Apr 201-207 Wa
clioquinol, beagle dogs, neurotoxicity

Toxicity
Hopkins T
1979 Vet Med Rev (1) 5-9 Wa
febantel, safety of product in sheep even during early pregnancy, dosage range, findings confirmed in field trials

Toxicity
Howell J et al
1980 Avian Dis 24 (4) Oct-Dec 1050-1053 Wa
monensin sodium, toxicity in broiler chickens

Toxicity
Hsu WH
1980 J Am Vet Med Ass 176 (10) May 15 1166-1169 Wa
levamisole, toxicity (mechanisms, treatment of poisoning) and interactions with other drugs

Toxicity
Ishizaki T; Kamo E; Boehme K
1979 Bull World Health Organ 57 (5) 787-791 Wa
Schistosoma japonicum, humans, double-blind studies of tolerance to praziquantel therapy: Japan

Toxicity
Jaroonvesama N et al
1978 Asian J Infect Dis 2 (4) Dec 265-269 Wm
E[ntamoeba] histolytica, patients with hepatic abscesses, ornidazole given as 1-day therapy in low dosages, efficacy, side-effects: Thailand

Toxicity
Jokipii L; Jokipii AMM
1979 J Infect Dis 140 (6) Dec 984-988 Wa
Giardia lamblia, symptomatic patients, single-dose metronidazole vs. tinidazole, success rates, side effects, drug absorption and elimination

Toxicity
Jopling WH
1980 J Trop Med and Hyg 83 (3) June 127 Wa
response to article in J. Trop. Med. and Hyg., v. 82, 1979, pp. 120-121, concerning toxic reaction from maloprim therapy for dermatitis herpetiformis and implications for use of maloprim as malaria prophylactic

Toxicity
Kang HC; Min DY; Soh CT
1978 Yonsei Rep Trop Med 9 (1) Nov 11-22 Wm
histological and histochemical changes in liver tissues after administration of flubendazole, rabbits, rats

Toxicity
Karsenty J et al
1980 Nouv Presse Med 9 (36) Oct 4 2658-2660 Wm
human toxoplasmosis treated with pyrimethamine, resulted in pancytopenia

Toxicity
Katz N; Rocha RS; Chaves A
1979 Bull World Health Organ 57 (5) 781-785 Wa
Schistosoma mansoni, humans, praziquantel, clinical trials testing efficacy, tolerance, and possible toxic reactions: Brazil

Toxicity
Kayser HJS
1980 South African Med J 58 (14) Oct 4 560-563 Wm
Echinococcus granulosus, humans, high incidence in South Africa, treatment of cysts with high doses of mebendazole, low toxicity, preliminary report of the Frere Hospital, East London

Toxicity
Kelly TE
1981 J Am Vet Med Ass 178 (1) Jan 1 64-65 Wa
dermaton II tick dip, evaluation of effects on dogs' eyes: Phoenix, Ariz

Toxicity
Khoo KK
1981 Ann Trop Med and Parasitol 75 (6) Dec 591-595 Wa
Plasmodium falciparum, P. vivax, treatment in glucose-6-phosphate dehydrogenase deficient patients with chloroquine, chloroquine and primaquine, or sulfadoxine-pyrimethamine, hemolysis occurred in primaquine group, chloroquine resistance common in P. falciparum infections: Sabah, Malaysia

Toxicity
Koch RL et al
1981 Science (4480 [error as 4479 on cover]) 211 Jan 23 398-400 Wa
metronidazole, metabolite found in human urine is carcinogenic for rats

Toxicity
Kuflik EG
1980 Cutis 26 (2) Aug 153-155 Wm
soldiers with psoriasis who were taking prophylactic antimalarials, skin condition was not exacerbated by these drugs so their use is not contraindicated: U.S. Army Evacuation Hospital, Long Binh, Republic of Vietnam

Toxicity
Kulkarni D et al
1980 Indian Vet J 57 (7) July 591-592 Wa
sarcoptic mange, buffalo calves, dogs, scabiezma lotion, toxicity in calves; combined therapy with scabiezma injection in dogs showed quicker results

Toxicity
Ladage CA; van Riessen HA
1980 Proc 1 European Cong Vet Pharmacol and Toxicol (Zeist Sept 25-28 1979) 332-334 Wa
Fasciola hepatica, cattle, nitroclofene, efficacy, concentration in milk and plasma, irritancy to muscle at site of injection

Toxicity
Langham ME
1980 Lancet London (8175) 1 May 3 977-978 Wa
Onchocerca volvulus, humans, topical application of diethylcarbamazine citrate lotion to whole body results in clearance of microfilariae from skin and minimizes systemic drug absorption and side effects; local skin reactions disappear with elimination of microfilariae from skin

Toxicity
Lee CC; Kinter LD; Heiffer MH
1981 Bull World Health Organ 59 (3) 439-448 Wa
primaquine, oral administration to dogs, rats, and monkeys, subacute toxicity

Toxicity
Lindenmayer JP; Vargas P
1981 J Clin Psychiat 42 (4) Apr 162-164 Wm
hookworm, young male patient being treated with quinacrine, acute toxic psychosis which necessitated psychiatric hospitalization

Toxicity
Louis FJ; Laigret J
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 471-481 Wa
Wuchereria bancrofti var. pacifica, humans, clinical trials testing diethylcarbamazine combined with levamisole, efficacy good but drug intolerance makes it poor choice for mass therapy: Tahiti

Toxicity
Luck MR
1979 Brit Poultry Sc 20 (6) Nov 605-607 Wa
nicarbazin, hens, adverse effects on reproductive activity

Toxicity
Lyons ET; Drudge JH; Tolliver SC
1981 Am J Vet Research 42 (6) June 1043-1045 Wa
parasites, horses, pony, critical tests with haloxon, no evidence of toxicosis

Toxicity
Lyons ET; Kim KC; Keyes MC
1980 J Wildlife Dis 16 (1) Jan 53-57 Wa
Uncinaria lucasi and lice, Callorhinus ursinus, disophenol, critical tests, few signs of toxicosis

Toxicity
McDougald LR; McQuistion TE
1980 Poultry Science 59 (11) Nov 2421-2423 Wa
broiler chicks, relationship of anticoccidial drugs to heat stress mortality, results may indicate a need for caution in use of nicarbazin during summer months

Toxicity
McHardy N et al
1980 Research Vet Sc 29 (2) Sept 198-202 Wa
Anaplasma marginale, cattle (exper.), gloxazone (effective but toxic) compared with imidocarb dihydrochloride

Toxicity
Mahood JS; Willson RL
1981 Brit J Cancer 43 (3) Mar 350-354 Wa
metronidazole, cytotoxicity, enhancement by lactate

Toxicity
Main DC; Vass DE
1980 Austral Vet J 56 (5) May 237-238 Wa
cambendazole toxicity in calves

Toxicity
Mak JW; Zaman V
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 285-291 Wa
Wuchereria bancrofti, Brugia malayi, humans, levamisole hydrochloride vs. diethylcarbamazine citrate, efficacy and side reactions

Toxicity
Malanga CM; Conroy J; and Cuckler AC
1981 J Parasitol 67 (1) Feb 35-40 Wa
Trypanosoma cruzi, mice, therapeutic efficacy of 9 substituted 5-nitroimidazoles and 1 5-nitrofuran, comparative oral toxicity

Toxicity
Mankodi NA et al
1981 J Ass Physicians India 29 (2) Feb 109-113 Wm
hookworm, C 9333-GO/CGP 4540, critical evaluation for possible effects on systolic time intervals in adults with chronic anaemia, no adverse effects detected

Toxicity
Martin LJ; Bergen RL; Dobrow HR
1978 Ann Ophth Chicago 10 (6) June 723-726 Wm
delayed onset chloroquine retinopathy, woman, symptoms first appeared more than 5 years after regular use of drug for rheumatoid arthritis had been discontinued

Toxicity
Mason PR; Brown IM
1980 Lancet London (8202) 2 Nov 8 1025-1026 Wa
Trichomonas vaginalis, humans, causes few complications during pregnancy, caution recommended in treating infection with metronidazole during this period

Toxicity
Matsuzawa Y; Hostetler KY
1980 J Biol Chem 255 (11) June 10 5190-5194 Wa
inhibition of lysosomal phospholipase A and phospholipase C by chloroquine, may be major factor in biochemical pathogenesis of drug-induced phospholipidosis

Toxicity
Metge P; Rodor F
1980 Therapie 35 (3) May-June 439-442 Wm
malaria, humans, chloroquine induced retinopathy, 6 case histories

Toxicity
Milder JE; Walzer PD; Powell RD jr
1979 South Med J 72 (12) Dec 1626-1628 Wm
Pneumocystis carinii, man, pneumonia, case report, poor response to oral trimethoprim-sulfamethoxazole, development of severe thrombocytopenia when pentamidine added to regimen; cautions in use of drug combinations

Toxicity
Miller DJS
1981 Vet Rec 108 (14) Apr 4 317-318 Wa
monensin sodium and tiamulin given alone and in combination, pigs, no signs of toxicity throughout treatment and post-treatment periods

Toxicity
Miskovitz PF; Javitt NB
1980 Am J Trop Med and Hyg 29 (6) Nov 1356-1358 Wa
hydatid disease, human, leukopenia associated with high-dose mebendazole therapy, case report

Toxicity
Mohn G; Philipp EM
1981 Lab Animals 15 (2) Apr 89-95 Wa
Syphacia muris, effects of infection and of fenbendazole on microsomal monooxygenase system in mouse liver

Toxicity
Molineaux CJ et al
1980 Teratogen Carcinogen and Mutagen 1 (2) 129-139 Wa
antischistosomal drug (amoscanate), mutagenic activation by enteric Streptococcus spp. in vitro and in vivo, studies in mice

Toxicity
Mollenhauer HH et al
1981 Am J Vet Research 42 (1) Jan 35-40 Wa
monensin, ponies, ultrastructural studies indicate that heart mitochondria are primary targets of poisoning

Toxicity
Mozherenkov VP; Agafonov BV
1979 Vestnik Oftal Moskva (5) Sept-Oct 73-74 Wm
trichocephaliasis, youth, optic nerve atrophy after therapy with dithiazanine and naphthamon

Toxicity
Munday BL
1981 J Parasitol 67 (2) Apr 149 Wa
Sarcocystis ovicanis, apparent difference in susceptibility to amprolium toxicity between penned and pastured sheep

Toxicity
Muylle E et al
1981 Equine Vet J 13 (2) Apr 107-108 Wa
Delayed monensin sodium toxicity in horses

Toxicity
Nilsson O
1981 European J Biochem 116 (3) June 1 565-571 Wm
Chloroquine-induced accumulation of gangliosides and phospholipids in skeletal muscles. Quantitative determination and characterization of stored lipids

Toxicity
Okonkwo PO; Chukwudebelu WO
1980 Brit J Obst and Gynaec 87 (11) Nov 1039-1042 Wm
chloroquine activity on strips of myometrium of pregnant women studied, concluded that fever, parasitaemia, and anaemia of malaria are responsible for premature labor rather than the drug used to treat the disease

Toxicity
Olatunde A
1977 African J Med and Med Sc 6 (1) Mar 27-32 Wm
malaria, humans, chloroquine therapy resulting in intense itching, major implications, possible link with more serious adverse effects or variations in drug metabolism: tropical Africa

Toxicity
Palmer JS; Rowe LD; Crookshank HR
1980 Am J Vet Research 41 (8) Aug 1323-1325 Wa
chlorpyrifos, effect of age on tolerance of calves

Toxicity
Palumbo NE; Desowitz RS; Perri SF
1981 Tropenmed u Parasitol 32 (2) June 115-118 Wa
Dirofilaria immitis-infected dogs, adverse reaction to diethylcarbamazine, severity as assessed by clinical, haematological, and biochemical abnormalities is related to level of microfilaraemia

Toxicity
Pedro RJ et al
1980 Rev Inst Med Trop S Paulo 22 (1) Suppl 4 Jan-Feb English text 32-36 Portuguese text 148-152 Wm
Schistosoma mansoni, humans, observations on therapy with oxamniquine and hycanthone, some reports of toxicity and strain resistance; oxamniquine for concurrent Salmonella and schistosomiasis infections

Toxicity
Peeters JE et al
1981 Parasitology 83 (2) Oct 293-301 Wa
Eimeria spp., rabbits (exper.), efficacy of narasin, adverse effects at higher dose levels

Toxicity
Pirson P et al
1980 Ann Trop Med and Parasitol 74 (4) Aug 383-391 Wa
Plasmodium berghei, mice, 100% curative (causal prophylactic) doses of primaquine diphosphate entrapped in liposomes can be administered in single intravenous injection due to significant reduction in toxicity

Toxicity
Prichard RK
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 75-107 Wa
anthelmintics, sheep, efficacy, pharmacokinetics, toxicity, mode of action, host/parasite comparative biochemistry, review: Australia

Toxicity
Prozesky L; Joubert JPJ
1979 J South African Vet Ass 50 (3) Sept 226 Wa
parbendazole given to ewes at various stages of gestation resulted in paralysis and skeletal malformations of newborn lambs: South Africa

Toxicity
Puffer HW; Beal ML
1981 Lab Animal Sc 31 (2) Apr 200-201 Wa
Gyrodactylus sp., Argulus sp., and Ergasilus sieboldii on Fundulus parvipinnis, treatment with 0,0-dimethyl 2,2,2-trichloro-1-hydroxy-ethylphosphonate, effectiveness, toxicity

Toxicity
Qureshi MA; Sabir M
1979 Pakistan J Sc 31 (3-6) May-Nov 218-220 Wa
tapeworms, poultry (feces), Embellia seeds, therapeutic trials, no untoward side effects observed: Lahore, Pakistan

Toxicity
Raether W; Fink E
1979 Ann Trop Med and Parasitol 73 (6) Dec 505-526 Wa
Plasmodium spp., drug-sensitive and -resistant lines, floxacrine, blood schizontocidal action, prophylactic action, dose-activity relationships, development of resistance, structural changes of parasites, influence of PABA and folic acid, toxicity, comparison with standard antimalarials; also tested against Eimeria spp., Toxoplasma gondii, Babesia rodhaini, Fasciola hepatica, and Heterakis spumosa

Toxicity
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Transmission See Disease transmission; Vectors

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Urine and urinary tract [See also Kidney]

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1981 Am J Trop Med and Hyg 30 (3) May 604-608 Wa
Schistosoma haematobium-infected Hylobates lar (exper.), bladder calcification and obstructive uropathy despite low mean excretion of eggs

Urine and urinary tract
El-Bolkainy MN et al
1981 Cancer 48 (12) Dec 15 2643-2648 Wa
Schistosoma haematobium, patients with bladder carcinoma who had been treated by radical cystectomy, those with schistosome eggs in surgical specimens vs. egg-negative specimens, impact of schistosomiasis on bladder pathology: Egypt

Urine and urinary tract
El-Marraghy MA
1976 Ain Shams Med J 27 (1) Jan 83-88 Wm
bilharzial hepatosplenomegaly, humans, associated renal dysfunction resulting from involvement of urinary tract, possible renal failure if urinary system stressed by surgical intervention, evaluation of renal function by radio-renalgram

Urine and urinary tract
El-Shobaki FA et al
1980 Tropenmed u Parasitol 31 (1) Mar 94-98 Wa
Schistosoma mansoni, S. haematobium, Egyptian patients with different degrees of complications, amino acid patterns in plasma and urine

Urine and urinary tract
Gottlieb B et al
1980 Rev Chilena Pediat 51 (6) Nov-Dec 424-428 Wm
Enterobius vermicularis, young girls, high incidence of association with vaginal infections but seldom associated with urinary tract infections: Chile

Urine and urinary tract
Greenham R; Cameron AH
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 609-613 Wa
Schistosoma haematobium infection in 2 boys with nephrotic syndrome and proliferative glomerulonephritis, case reports, clinical and histological picture, remission of nephrotic syndrome after schistosomiasis was treated with niridazole, significance of heavy proteinuria in schistosomiasis: Somalia

Urine and urinary tract
Hall JE; Seed JR
1981 Comp Biochem and Physiol 69B (4) 791-796 Wa
Trypanosoma brucei gambiense, acutely infected mice, quantitation of aromatic amino acid catabolites in urine (presumably resulting from trypanosome catabolism although induction of host pathways may contribute), metabolic disturbance could contribute to pathogenesis of trypanosomiasis, may also prove to be useful diagnostically

Urine and urinary tract
Hendrickse RG
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 8-16 Wa
symposium on renal disease in the tropics, epidemiology and prevention, review, includes malaria, schistosomiasis, and scabies as etiologic agents in Africa

Urine and urinary tract
Hicks RM; James C; Webbe G
1980 Brit J Cancer 42 (5) Nov 730-755 Wa
Schistosoma haematobium-infected Papio sp., effects of parasite infection and of urine-borne carcinogen on development of urothelial neoplasia; in this model, schistosomiasis supplies proliferative stimulus necessary to accelerate cancer growth from latent tumor foci produced by exposure to low doses of bladder carcinogen

Urine and urinary tract
Ishihara K et al
1981 Japan J Vet Sc 43 (1) Feb 1-11 Wa
dirofilariasis, dogs with hemoglobinuria vs. normal dogs and dogs with chronic serious filariasis without hemoglobinemia and hemoglobinuria, hemolysis, lipid alterations in blood serum and red cell membrane

Urine and urinary tract
Jojart G
1978 Acta Paediat Acad Scient Hungar 19 (2) 145-148 Wm
enterobiasis, girls aged 6-14, little correlation with urinary tract infections

Urine and urinary tract
Krieger JN
1981 Invest Urol 18 (8) May 411-417 Wm
Trichomonas vaginalis, humans, urologic aspects of trichomoniasis, general review of pathology, diagnosis, epidemiology, and therapy

Urine and urinary tract
Moore JA; Kuntz RE; Huang TC
1980 Acta Cytol 24 (3) May-June 247-251 Wa
Schistosoma haematobium in Cebus apella, laboratory model, utilization of exfoliative cytology to evaluate status of urogenital pathology

Urine and urinary tract
Omar A; Sherif MA; Chehata O
1975 Ain Shams Med J 26 (4) July 467-472 Wm
bilharziasis, human ureter, pathology, radiologic diagnostic findings

Urine and urinary tract
Pugh RNH; Bell DR; Gilles HM
1980 Ann Trop Med and Parasitol 74 (6) Dec 597-613 Wa
Schistosoma haematobium, human, prevalence and intensity, host age and sex, haematuria, proteinuria, renal function, micturition disturbance, potential public health importance, recommendation for control based on rapid identification of intense infection and selective chemotherapy with single dose metrifonate-niridazole combination: northern Nigeria

Urine and urinary tract
Schutte CHJ; van Deventer JMG; Lamprecht T
1981 Am J Trop Med and Hyg 30 (2) Mar 364-372 Wa
Schistosoma haematobium, human, prevalence and intensity, hematuria, host age and sex, relationship to S. mansoni and S. mattheei: Northern KwaZulu, South Africa

Urine and urinary tract
Vaculik E
1980 Wien Tierarztl Monatsschr 67 (5) 164-167 Wa
Babesia divergens, cattle, renal damage and estimation through determination of blood urea-nitrogen

Urine and urinary tract
Zaher MF; El Deeb AA; Soliman MAH
1975 Ain Shams Med J 26 (4) July 457-459 Wm
bilharzial ulcer of urinary bladder, humans, histopathologic study of 50 excised specimens from chronic infections, surgery recommended as preferred therapy for chronic ulcer

Urine and urinary tract
Zahran MM; Badr MM
1980 Am J Trop Med and Hyg 29 (4) July 576-581 Wa
Schistosoma haematobium, patients with bilharzial uro-obstructive lesions, assessment of renal, ureteral, and bladder functional status by means of Hippuran I^{131} extended renography technique

Urine and urinary tract
Zoung-Kanyi J; Essomba R
1978 Afrique Med (158) 17 Mar 153-166 Wm
Schistosoma haematobium, men, urogenital infections, pathology, medical management, niridazole, importance of repetitive infections in etiology of complications: Yaounde, Cameroun

Urticaria
Cseplak G; Kis S; Vegh M
1981 Orvosi Hetilap 122 (1) Jan 4 39-40 Wm
strophulus arthropodicus, human skin condition with urticaria caused by ticks, incidence survey

Urticaria
Fetisovova Z; Skracikova J
1981 Casop Lek Cesk 120 (38) Sept 24 1154-1157 Wm
Giardia, incidence in humans with skin infections such as scabies or with other pathology as urticaria (highest incidence), although associated problems abated after therapy for giardiasis exact etiologic associations could not be determined

Vaccination See Immunization

Variation [See also Measurements; Morphology; Polymorphism]

Variation
Agatsuma T
1981 Japan J Genetics 56 (1) Feb 73-77 Wa
Paragonimus iloktsuenensis, genetic variation of glucosephosphate isomerase, starch gel electrophoresis

Variation
Agatsuma T
1981 J Parasitol 67 (3) June 452-454 Wa
Paragonimus miyazakii, electrophoretic demonstration of genetic polymorphism of glucosephosphate isomerase in natural populations

Variation
Agatsuma T; Suzuki N
1980 Japan J Med Sc and Biol 33 (5) Oct 249-254 Wa
Fasciola sp. from Japan, enzyme electrophoresis

Variation
Amin OM; Redlin MJ
1980 System Parasitol 2 (1) Dec 9-20 Wa
Echinorhynchus salmonis in Coregonus hoyi and Osmerus mordax, worm sex and age and the host species (salmonid host vs. non-salmonid host) affected worm growth and morphological variability, anomalies; extreme variability in cement gland pattern and the implications for using this diagnostic character on the generic level

Variation
Banina NN
1969 Folia Parasitol 16 (4) 289-295 Wa
Apiosoma spp., changes in body shape during development and under influence of environmental factors, interpopulation changeability related to degree of host specificity

Variation
Barus V
1969 Folia Parasitol 16 (4) 303-311 Wa
Subulura suctoria, morphological and metrical variability dependent upon parasite age and definitive host species

Variation
Bayssade-Dufour C
[1980] Ann Parasitol 54 (6) Nov-Dec 1979 593-614 Wa
Schistosoma mansoni, pattern of cercarial chaetotaxy varies between African and American strains and between human and murine strains, adaptation of human strain to white mice, possible clinical and epidemiological implications with emphasis on situation in Guadeloupe

Variation
Betterton C
1980 J Helminth 54 (4) Dec 241-245 Wa
Euparadistomum species from small mammals, morphological variation: Malaysia

Variation
Blair D
1980 Ann Parasitol 55 (5) Sept-Oct 511-525 Wa
Indosolenorchis hirudinaceus, redescription, variation; specimens described by Dollfus (1950) as Zygocotyle sp. are referred to I. hirudinaceus

Variation
Borst P et al
1980 Biochim et Biophys Acta 610 (2) Dec 11 197-210 Wm
Trypanosoma brucei, variations in maxi-circle and mini-circle sequences in kinetoplast DNAs from different strains, results could be useful in determining how closely two strains are related and as sensitive tags for individual strains

Variation
Borst P; Fase-Fowler F; Gibson WC
1981 Molec and Biochem Parasitol 3 (2) June 117-131 Wa
Trypanosoma brucei gambiense, T. b. rhodesiense, T. b. brucei, quantitation of genetic differences by restriction enzyme analysis of kinetoplast DNA, these 3 variants are so closely related that they cannot be distinguished on this basis alone

Variation
Bourdon R; Markham JC
1980 Zool Mededel Rijksmus Nat Hist Leiden 55 (19) Mar 4 221-230 Wa
Bopyrione synalphei new species, morphological variations

Variation
Buengener W
1980 Tropenmed u Parasitol 31 (2) June 209-212 Wa
Plasmodium yoelii, experimental production of variants with lowered preference for immature erythrocytes

Variation
Bundy DAP
1981 Internat J Parasitol 11 (4) Aug 319-322 Wa
Transversotrema patialense, egg capsule morphometrics, age-dependency and population frequency distribution, implications for use as taxonomic criterion in Transversotrematidae

Variation
Cassone J; Albaret JL; Jourdane J
1981 Ann Parasitol 56 (4) 381-394 Wa
Schistosoma mansoni, 'cercarial index' (based on variation in chaetotaxy), comparison of strains from Africa and from Guadeloupe upon isolation from naturally infected hosts, after passage in rodents and snails, and laboratory strains, epidemiological implications

Variation
Chen G
1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26 (2) June 149-152 Wa
Paragonimus westermani, morphological variations from different hosts and localities

Variation
Cover B; Gutteridge WE
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 274-281 Wa
Trypanosoma cruzi, comparison of drug sensitivities of 3 parasite strains in inbred A/Jax mice

Variation
Fischthal JH; Fish BL; Vaught RS
1980 J Parasitol 66 (4) Aug 642-644 Wa
Metadena globosa, comparative allometric growth in 3 species of Caribbean fishes: Belize

Variation
Fletcher M; LoVerde PT; Woodruff DS
1981 Am J Trop Med and Hyg 30 (2) Mar 406-421 Wa
Schistosoma mansoni, populations from Africa, Southwest Asia, South America, and West Indies, genetic variation in enzyme polymorphisms (electrophoresis on starch gels), geographic and sexual differences

Variation
Franz M
1980 Tropenmed u Parasitol 31 (2) June 149-164 Wa
Onchocerca volvulus males and females, cuticular morphology, scanning and transmission electron microscopy, variation of papillae at posterior end of male, no geographic differences in morphology could be proven: Liberia; Upper Volta; Tanzania; Guatemala

Variation
Goff WL; Ronald NC
1981 Am J Vet Research 42 (10) Oct 1775-1777 Wa
Heterobilharzia americana, life history, emergence of cercariae from snails at night, relationship between number of flukes present and adult fluke size and between host size and adult fluke size

Variation
Grey AJ; Mackiewicz JS
1980 Internat J Parasitol 10 (5-6) Nov-Dec 397-407 Wa
Glaridacris catostomi, mitotic and meiotic chromosomes, diploidy, triploidy, and parthenogenesis, taxonomic and evolutionary implications

Variation
Hine PM
1980 J Protozool 27 (3) Aug 260-267 Issued Oct 9 Wa
Myxidium spp. from Anguilla spp., spore dimensions, striations, and shape, cyst position, shape, and size

Variation
Kilgour V
1980 Molec and Biochem Parasitol 2 (1) Oct 51-62 Wa
Trypanosoma brucei subspp., bloodstream and culture forms compared with respect to electrophoretic mobilities and activities of 11 enzymes

Variation
Knowles G; Sanderson A; Walliker D
1981 Exper Parasitol 52 (2) Oct 243-247 Wa
Plasmodium yoelii yoelii, Plasmodium yoelii nigeriensis, new electrophoretic variants of adenosine deaminase which differentiate these 2 subspecies, genetic analysis of crosses between these 2 subspecies

Variation
Kreutzer RD; Christensen HA
1980 Am J Trop Med and Hyg 29 (2) Mar 199-208 Wa
Leishmania spp., characterization of species and strains by isozyme patterns on cellulose acetate electrophoresis

Variation
Kreutzer RD; Sousa OE
1981 Am J Trop Med and Hyg 30 (2) Mar 308-317 Wa
Trypanosoma spp., isozyme patterns, cellulose acetate electrophoresis, variability between species and strains, potential for rapid trypanosome isolate identification, some indication that isozyme types were associated with geographical distribution

Variation
Kumaratilake LM; Thompson RCA; Dunsmore JD
1979 Ztschr Parasitenk 60 (3) 291-294 Wa
Echinococcus granulosus, E. multilocularis, inter- and intraspecific differences detected by isoelectric focusing of cestode soluble proteins, potential value in speciation of Echinococcus and in determining biochemical differences between intraspecific variants

Variation
Lainson R; Miles MA; Shaw JJ
1981 Ann Trop Med and Parasitol 75 (2) Apr 251-253 Wa
Leishmania, enzyme electrophoresis of several viscerotropic stocks, variations were minor and suggest that any taxonomic separation of these organisms would best be at subspecific level

Variation
Leedom WS; Short RB
1981 J Parasitol 67 (2) Apr 257-261 Wa
Cercaria pomaceae sp. n. from Pomacea paludosa, cercarial dermatitis produced on forearms of human volunteers, variation in size of cercariae from different snails

Variation
Maazoun R et al
1981 Ann Parasitol 56 (2) 131-146 Wa
Leishmania infantum, strains from man and dog in France (Cevennes, Cote d'Azur, Corse), Tunisia, and Honduras, enzyme electrophoresis, identical zymograms, differentiation from L. donovani, L. tropica, and L. major

Variation
MacKenzie DI; McKenzie CE
1980 J Parasitol 66 (1) Feb 145-149 Wa
Plagiorchis noblei, morphological variation in specimens from Tyrannus tyrannus vs. T. verticalis: Delta Marsh, Manitoba

Variation
Melrose TR; Brown CGD; Sharma RD
1980 Research Vet Sc 29 (3) Nov 298-304 Wa
Theileria annulata- and T. parva-infected bovine lymphoblastoid cell lines, glucose phosphate isomerase isoenzyme patterns, improved enzyme visualization method using meldola blue, species and strain differences

Variation
Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 221-237 Wa
Trypanosoma cruzi, further enzymic characters, critical assessment of present and prospective value of enzyme electrophoresis for strain identification

Variation
Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 243-252 Wa
Leishmania mexicana amazonensis, L. hertigi subspp., methods for enzymic characterization, possible use in identification

Variation
Miles MA et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 524-529 Wa
Leishmania b. braziliensis, L. b. guyanensis, L. mexicana amazonensis, enzymic profiles, biochemical separation; inability to separate L. b. guyanensis from 4 stocks of L. b. panamensis by electrophoresis of 10 enzymes

Variation
Mukherjee M; Haldar DP
1981 Arch Protistenk 124 (1-2) 29-35 Wa
Myxobolus punctatus, variations in spore morphology due to invasion in different organs of Ophicephalus punctatus, creation of new species based on these variations in same host not recommended

Variation
Muller R
1979 Symposia Brit Soc Parasitol 17 175-206 Wa
Onchocerca, differentiation of species, intraspecific variation in O. volvulus, review

Variation
Musisi FL et al
1981 Research Vet Sc 30 (1) Jan 38-43 Wa
Theileria lawrencei-, T. parva-, and T. annulata-infected bovine lymphoblastoid cell lines, isoenzyme variants, promising method of distinguishing species or subspecies of Theileria but there are difficulties in identifying host and theilerian enzymes with certainty

Variation
Orwig KR
1968 Bull Univ Nebraska State Mus 8 (1) June 187 pp Wa
Trouessartinae, taxonomic revision (excluding Trouessartia), morphology, intraspecific variation, host-parasite relationships, host specificity, historical account

Variation
Pilitt PA; Wightman SR
1979 Proc Helminth Soc Washington 46 (1) Jan 36-42 Issued Mar 14 Wa
Dentostomella translucida from Meriones unguiculatus (small intestine), redescription, scanning electron micrographs, variation from specimens described from Rhombomys opimus: Sinclair Comparative Medicine Research Farm, University of Missouri, Columbia, Missouri

Variation
Ramasamy R; Jamnadas H; Mutinga MJ
1981 Internat J Parasitol 11 (5) Oct 387-390 Wa
Leishmania promastigotes, proteins and surface proteins, electrophoretic analysis, differences between 2 strains likely to be Leishmania donovani (from kala-azar patient and from Phlebotomus martini) and Leishmania species from P. bedfordi, such differences may provide additional biochemical tools for classifying Leishmania: Kenya

Variation
Ready PD; Miles MA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 238-242 Wa
Trypanosoma cruzi, delimitation of zymodemes by numerical taxonomy

Variation
Sanderson A; Walliker D; Molez JF
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 263-267 Wa
Plasmodium falciparum, enzyme typing of freeze-dried and freshly cultured isolates from African and some other Old World countries

Variation
Schnur LF et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
Leishmania strains isolated in Old and New World from human visceral cases, dogs, and wild animals thought to be reservoirs of human visceral leishmaniasis, biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant densities, excreted factor serotypes, and electrophoretic mobilities of enzymes), ability of L. tropica-like organisms to visceralize, non-L. tropica organisms considered as essentially being single complex that is widely distributed in world

Variation
Schulz-Key H; Jean B; Albiez EJ
1980 Tropenmed u Parasitol 31 (1) Mar 34-40 Wa
Onchocerca volvulus, females, observations on normal development, pathologically altered development, and reproduction, implications for drug trial evaluations

Variation
Silard R
1979 Arch Roumaines Path Exper et Microbiol 38 (1) Jan-Mar 105-114 Wa
Blastocystis hominis, morphological alterations during course of life cycle, during mixed infections, after treatment with metronidazole, or under unfavorable experimental conditions

Variation
Southgate VR et al
1980 Ztschr Parasitenk 63 (3) 241-249 Wa
Schistosoma bovis isolate from Tanzania, egg morphology, snail infection experiments, enzyme types identified by isoelectric focusing, intraspecific variation

Variation
Tait A
1980 Nature London (5782) 287 Oct 9 536-538 Wa
Trypanosoma brucei brucei, series of isolates screened for electrophoretic variation in 19 enzymes, strong evidence that trypanosomes are diploid and undergo random mating and recombination

Variation
Tait A
1981 Molec and Biochem Parasitol 2 (3-4) Feb 205-218 Wa
Plasmodium falciparum, proteins of cultured isolates, labelling with [^{35}S]methionine, analysis of variation by two-dimensional gel electrophoresis, technique can be applied to strain typing of malaria parasites

Variation
Thaithong S; Beale GH
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 271-273 Wa
Plasmodium falciparum, in vitro drug resistance tests of 10 Thai isolates to chloroquine and pyrimethamine

Variation
Thaithong S; Sueblinwong T; Beale GH
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 268-270 Wa
Plasmodium falciparum, enzyme typing of some isolates from Thailand and Cambodia

Variation
Tibayrenc M; Cariou ML; Solignac M
1981 Compt Rend Acad Sc Paris 292 s III Sc Vie (9) Mar 2 623-625 Wm
Trypanosoma cruzi (several strains), T. rangeli, Leishmania b. brasiliensis, analysis of enzyme variability, genetic interpretation of zymograms

Variation
Walzer PD; Rutledge ME
1980 J Infect Dis 142 (3) Sept 449 Wa
Pneumocystis carinii, serum antibody titers of rat, mouse, and human compared by immunofluorescence, observations support possibility of strain or species differences in this organism

Vectors [See also Disease transmission; Epidemiology]

Vectors
Baker JR
1977 Acta Trop 34 (1) Mar 7-19 Wa
vector-borne blood parasites, morphological and physiological adaptations which facilitate transmission between invertebrate and vertebrate hosts, review

Vectors
Gonzalez-Guzman J
1980 J Math Biol 10 (1) Aug 53-64 Wa
model for parasitic disease control by permanent time-continuous mixed program of vector reduction and drug application

Vectors
Hamon J
1981 Parasitology 82 (4) July 117-129 Wa
control of vectors by parasites and pathogens, Workshop Proceedings, 3. European Multicolloquium of Parasitology

Vectors
Marcati P; Pozio MA
1980 J Math Biol 9 (2) Apr 179-187 Wa
global asymptotic stability for vector disease model with spatial spread, malaria as theoretical example

Vectors, Acarina
Achuthan HN; Mahadevan S; Lalitha CM
1980 Indian Vet J 57 (3) Mar 181-184 Wa
Babesia bigemina, B. canis, natural and artificial infections of ixodid ticks, transmission studies

Vectors, Acarina
Aeschlimann A et al
1979 Acta Trop 36 (2) June 181-191 Wa
rickettsia, trypanosomes (close to Trypanosoma theileri), and Dipetalonema rugosicauda microfilariae found in Ixodes ricinus in Switzerland

Vectors, Acarina
Anderson JF et al
1981 Am J Trop Med and Hyg 30 (4) July 897-899 Wa
Rhipicephalus simus, importation into United States from Africa on boutonneuse fever patient: Connecticut, U.S.A., had just returned from Kenya

Vectors, Acarina
Anderson JF; Magnarelli LA
1980 J Med Entom 17 (4) July 31 314-323 Wa
ixodid ticks of vertebrates, infestation levels, seasonal geographical distribution, parasite sex ratios, age of parasite; field studies suggest some Dermacentor variabilis and Ixodes dammini may have 2-year life cycles: Connecticut

Vectors, Acarina
Anderson JF; Magnarelli LA; Sulzer AJ
1981 J Parasitol 67 (3) 417-425 Wa
Babesia lotori sp.n. in Procyon lotor (erythrocytes) (nat. and exper.), parasitemia postsplenectomy, clinical data, indirect fluorescent antibody test, evidence for early infection in 3 young raccoons which had been naturally confined to nests in chimneys and were infested with Ixodes texanus; Dermacentor variabilis, I. dammini, and I. cookei also found on raccoons: Connecticut, USA

Vectors, Acarina
Bell LJ
1980 Acta Trop 37 (4) Dec 319-325 Wa
Rhipicephalus appendiculatus, 2 organ culture techniques ('backless tick explants' and excised salivary gland cultures), maturation of Theileria parva in 2 systems compared

Vectors, Acarina
Belle EA et al
1980 Am J Trop Med and Hyg 29 (4) July 667-675 Wa
Amblyomma cajenense, isolation of Wad Medani virus: Jamaica, West Indies

Vectors, Acarina
Binnington KC; Kemp DH
1980 Advances Parasitol 18 315-339 Wa
ticks, role of salivary glands in feeding and disease transmission, review: salivary gland functions during attachment and feeding (secretion of attachment cement; salivary secretions and tick feeding; passage of material through salivary glands during feeding); toxicosis (host paralysis); disease transmission (Theileria; Babesia)

Vectors, Acarina
Bourgeade A; Jean-Pastor MJ; Raoult D
1979 Bull Soc Path Exot 72 (4) July-Aug 308-314 Wa
Mediterranean tick bite fever, humans, case review, epidemiology: endemic area of Marseilles

Vectors, Acarina
Burgdorfer W
1977 Acta Trop 34 (2) June 103-126 Wa
Rocky Mountain spotted fever, Colorado tick fever, review of historical, clinical, ecological, and epidemiological features: United States

Vectors, Acarina
Burgdorfer W
1980 CRC Handb Ser Zoonoses Sect A Bacterial Rickettsial and Mycotic Dis 2 279-301 Wa
spotted fever-group diseases including discussion of their vectors, review

Vectors, Acarina
Burgdorfer W et al
1979 Acta Trop 36 (4) Dec 357-367 Wa
Ixodes ricinus: Vector of a hitherto undescribed spotted fever group agent in Switzerland

Vectors, Acarina
Burgdorfer W et al
1980 Am J Trop Med and Hyg 29 (4) July 686-690 Wa
Sylvilagus spp. are susceptible to Rickettsia rickettsii but do not serve as efficient reservoirs for infecting Dermacentor spp.

Vectors, Acarina
Buriro SN
1979 Pakistan J Zool 11 (2) 221-224 Wa
Argas (Persicargas) persicus, role in transmission of Borrelia anserina in poultry, infection more frequent in male ticks than in female

Vectors, Acarina
Carey AB; Krinsky WL; Main AJ
1980 J Med Entom 17 (1) Jan 31 89-99 Wa
ticks of mammals; abundance, seasonality, geographic distribution, host-tick and tick-tick interactions of Ixodes dammini and Dermacentor variabilis; relationship between I. dammini and public health: south-central Connecticut, USA

Vectors, Acarina
Carey AB; McLean RG; Maupin GO
1980 Ecol Monogr 50 (2) June 131-151 Wa
structure of Colorado tick fever ecosystem, includes information on hosts of, virus isolations from, and habitat hyperspace variables for Dermacentor andersoni: Rocky Mountain National Park, Colorado, USA

Vectors, Acarina
Chastel C
1980 Med Trop 40 (5) Sept-Oct 535-548 Wm
tick borne arboviruses associated with marine birds, general review

Vectors, Acarina
Clifford CM et al
1980 J Parasitol 66 (2) Apr 312-323 Wa
Ornithodoros amblus, redescription of male and female, description of nymph and larva, hosts, distribution, species relationships, life cycle, virus infections, human hosts and reactions, tick control and spider and lizard predation: Peru

Vectors, Acarina
Colombini M; Fagotti V
1977 Parassitologia 19 (3) Dec 181-188 Wa
vector control, current situation: Italy

Vectors, Acarina
Converse JD et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 755-756 Wa
Argas arboreus, isolation of Punta Salinas virus in Tanzania

Vectors, Acarina
Dalgliesh RJ; Stewart NP; Duncalfe F
1981 Ztschr Parasitenk 64 (3) 347-351 Wa
Babesia bovis, reduction in pathogenicity for Boophilus microplus after rapid blood passage in splenectomized calves

Vectors, Acarina
Dammin GJ et al
1981 Human Path 12 (5) May 398-400 Wm
Babesia microti, humans, increasing incidence, prevention and control including avoidance of contact with Ixodes dammini vectors and use of tick repellents: northeastern United States

Vectors, Acarina
Danielova V
1969 Folia Parasitol 16 (4) 379-383 Wa
Ixodes ricinus, attempted infection with Tahyna virus

Vectors, Acarina
Davey RB et al
1980 J Med Entom 17 (2) Mar 31 117-121 Wa
Boophilus microplus, ovipositional biology in the laboratory, disturbed (for egg removal) vs. undisturbed females

Vectors, Acarina
Davey RB et al
1980 J Med Entom 17 (3) May 31 287-289 Wa
Boophilus annulatus, disturbed (for daily removal of eggs) vs. undisturbed, ovipositional biology in the laboratory

Vectors, Acarina
Diehl PA; Rehacek J; Bazlikova M
1980 Ann Parasitol 55 (3) May-June 259-270 Wa
Rickettsia slovaca, ultrastructure in naturally infected females of Dermacentor marginatus: Central Slovakia

Vectors, Acarina
Dohany AL et al
1980 J Med Entom 17 (1) Jan 31 35-39 Wa
chiggers of rodents, survey for vectors of Rickettsia tsutsugamushi; Leptotrombidium deliense only known vector collected: Taman Negara, Peninsular Malaysia

Vectors, Acarina
Dohany AL et al
1980 Japan J Med Sc and Biol 33 (5) Oct 263-270 Wa
chigger vectors of scrub typhus, variation in populations in developing oil palm areas of different ages: Peninsular Malaysia

Vectors, Acarina
Donnelly J et al
1980 Trop Animal Health and Prod 12 (1) Feb 50-60 Wa
Babesia equi, B. caballi, horses, comparison of complement fixation and immunofluorescent antibody tests in prevalence survey; presence of tick vectors: Sultanate of Oman

Vectors, Acarina
Donnelly J; Joyner LP; Frank C
1980 Trop Animal Health and Prod 12 (4) Nov 253-258 Wa
Babesia equi, B. caballi, prevalence in horses, comparison of complement fixation and indirect fluorescent antibody tests; Hyalomma anatolicum anatolicum present: Kuwait

Vectors, Acarina
Ebermann E
1976 Zool Jahrb Jena Abt Syst 103 (1) 105-116 Wa
Hymenolepis asymetrica, oribatids (nat. and exper.), extensity of infection, host specificity, final host; description of cysticercoids

Vectors, Acarina
Elder JK; et al
1980 Austral Vet J 56 (5) May 205-211 Wa
survey of tick and other parasite control 1977-78, cattle, managerial aspects: Queensland

Vectors, Acarina
Elder JK; et al
1980 Austral Vet J 56 (5) May 212-218 Wa
Boophilus microplus, cattle, chemical control by dipping, survey 1977-78, differences due to region, breed and type of enterprise: Queensland

Vectors, Acarina
Elder JK; et al
1980 Austral Vet J 56 (5) May 219-223 Wa
cattle tick control, survey 1977-78, use of resistant cattle and pasture spelling: Queensland

Vectors, Acarina
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Vectors, Flies See Vectors, Insecta

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Plasmodium simium, infectivity to Aotus trivirgatus griseimembra and different anophelines

Vectors, Insecta
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1980 Am J Trop Med and Hyg 29 (3) May 473-475 Wa
Plasmodium vivax, South Vietnam (SV-I) strain, transmission by bites of infected Anopheles stephensi, A. maculatus, and A. balabacensis balabacensis ("This strain has recently been identified as Anopheles dirus"), infected salivary glands also found in A. freeborni

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Vectors, Insecta
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Simulium damnosum s.l. (vectors of Onchocerca volvulus), complete generation rearing in laboratory, bloodfeeding behavior

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Vectors, Mollusca
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Schistosoma mansoni, prevalence in 0-14-year-olds and snail infection rates following chemotherapy, results suggest that reservoir of human infection which inevitably remains following chemotherapy of proven cases only is capable of bringing about rapid resurgence of transmission unless treatment is supported by other control measures: St. Lucia, West Indies

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Vectors, Mollusca
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Virulence See Pathogenicity

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Zoonosis See Disease transmission, Animal to man

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